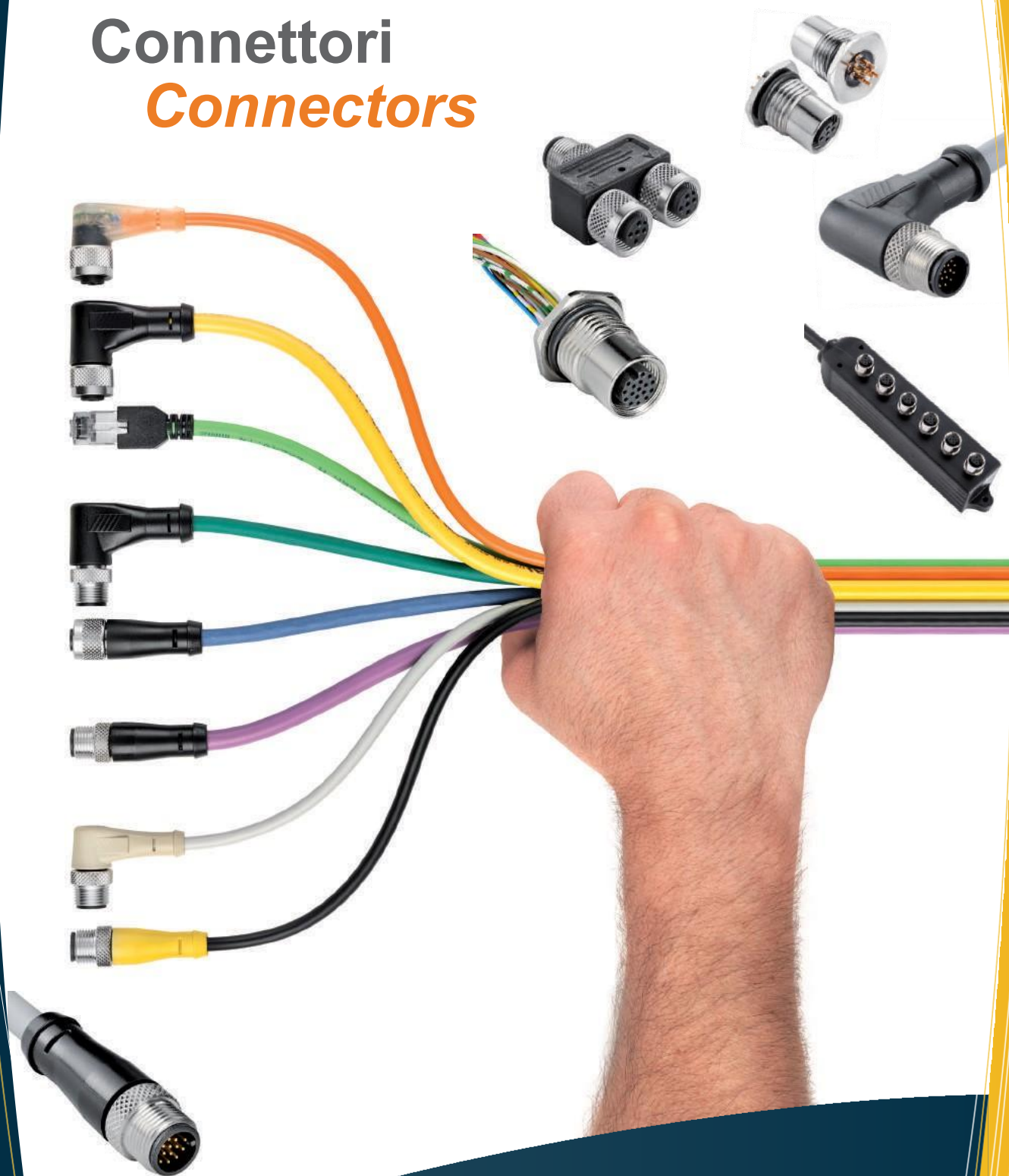




Connettori *Connectors*



www.euroconnection.it

Creatività, tecnologia, qualità, servizio.

Quattro parole per sintetizzare la nostra filosofia aziendale.

Creatività nel proporre soluzioni personalizzate, calibrate sulle specifiche necessità dei clienti.

Tecnologia all'avanguardia nella progettazione e nella costruzione.

Qualità nel processo produttivo certificato e nei materiali, grazie ad un'accurata scelta tra i più qualificati fornitori sul territorio nazionale, veri e propri partner con i quali collaboriamo per sviluppare prodotti sempre migliori.

Servizio nell'assistenza pre e post-vendita, grazie ad una rete commerciale formata da collaboratori preparati ed efficienti.

Siamo un'azienda italiana che propone un prodotto tutto italiano, dallo studio alla produzione.

Abbiamo a cuore la qualità del prodotto e sappiamo di poter garantire un altissimo standard, grazie anche all'impegno quotidiano di tutte le persone che lavorano per noi e con noi.

Yes, We Connect!

Creativity, technology, quality, service.

Four words in order to synthesize our company philosophy.

Creativity in proposing personalized solutions, calibrated on costumers' specific needs.

Vanguard technology in design and construction.

Quality in certificated productive process and in equipments, thanks to a careful choice out of all more qualified suppliers on the national territory, real partners with who we collaborate to develop products better and better.

Service in assistance fore and post-sale, thanks to a trading network formed by ready and efficient collaborators.

We are an Italian Company that propose a Italian product, from the study to the production.

We have the quality of the product at heart and we can guarantee a very high standard, thanks also to the daily commitment of the people who work for us and with us.



AZIENDA CON SISTEMA DI QUALITÀ CERTIFICATO ISO 9001:2015
CERTIFICATO N° IT245952-2017-AQ-ITA-ACCREDIA



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- Connettori M5 4 poli
- Connettori M8 3 poli
- Connettori M8 4 poli
- Connettori M8 5 poli
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- Connettori M8 3/4 poli snap
- Connettori M12 3 poli
- Connettori M12 4 poli
- Connettori M12 5 poli
- Connettori M12 6 poli
- Connettori M12 8 poli
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Prolunghe

- Prolunghe M8 M12 Lineari
- Prolunghe M8 M12 a Y



Raccordi

- Raccordi a T
- Raccordi a Y
- Adattatori



Connettori a incasso e per C.S.

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Connettori per reti Profinet/Ethercat

Prolunghe per reti Profinet/Ethercat

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Connettori Precablati *Pre-wired connectors*

M5



M8



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FEMMINA AX / FEMALE AX



MASCHIO AX / MALE AX

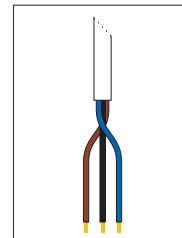


TABELLA COLORI COLOURS TABLE

1	BN
3	BU
4	BK

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Connettore schermato / Shielded Connector

H

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AX = Dritto / Straight AS-M5***03050**/* lunghezza cavo cable length 001 = 10cm 010 = 1 m 100 = 10 m F = Femmina / female M = Maschio / male	G = grafoplast H = connettore schermato shielded connector

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero. O-ring di tenuta in NBR (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Contact: phosphorouse bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: NBR (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-104
Corrente Nominale	Nominal Currents 1 A
Tensione Nominale	Nominal Voltage 60 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance $\leq 5m\Omega$
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

3 CONDUTTORI / 3 WIRE

COD.

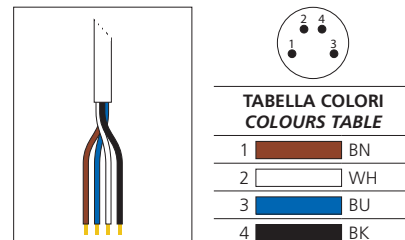
"RN"

SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PUR UL/CSA UL/CSA PUR CABLE
Sezioni Sections	3 x 26AWG (3 x 0.14) 80° - 300 V
Diametri Diameter	2.6 +/- 0.2
Conduttori Conductor	PVC classe 5 19 x 0.15
Guaina Esterna Outer Jacket	PUR compound Oil resistant ISO 6722 Black Flam Test FT2
Normative di riferimento Reference standards	
Temperatura di esercizio Working temperature	-15 / +80°C Static App. -5 / +80°C Dynamic App
Raggio di curvatura Bending radius	10 x Ø esterno
Schermatura Shield	---
Velocità di traslazione Traslation's speed	120 mt / min
Accelerazione Acceleration	5 mt / secq

FEMMINA AX / FEMALE AX



MASCHIO AX / MALE AX



CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Connettore schermato / Shielded Connector

H

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03 (maschio). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero.

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Metal ring nut: nickel-plated brass. Body connector: black polyamide.

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table)	G = grafoplast
AX = Dritto / Straight	H = connettore schermato shielded connector
AS-M5***04050**/*	
F = Femmina / female M = Maschio / male	
lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	

4 CONDUTTORI / 4 WIRE

COD.

"RN"

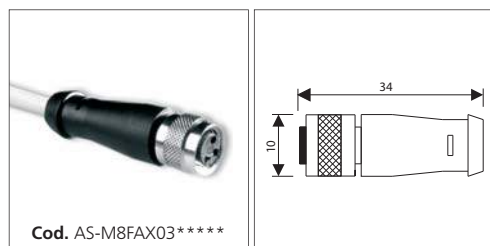
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PUR UL/CSA UL/CSA PUR CABLE
Sezioni Sections	4 x 26AWG (4 x 0.15) 80° - 300 V
Diametri Diameter	3.1 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX
Guaina Esterna Outer Jacket	PUR compound Black Flam Test FT2
Normative di riferimento Reference standards	
Temperatura di esercizio Working temperature	-15 / +80°C Static App. -5 / +80°C Dynamic App
Raggio di curvatura Bending radius	10 x Ø esterno
Schermatura Shield	---
Velocità di traslazione Traslation's speed	120 mt / min
Accelerazione Acceleration	5 mt / seq

CONNETTORI M8 • 3 POLI

M8 CONNECTORS • 3 PINS



FEMMINA AX / FEMALE AX



FEMMINA RD / FEMALE RD

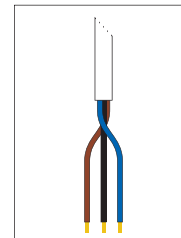
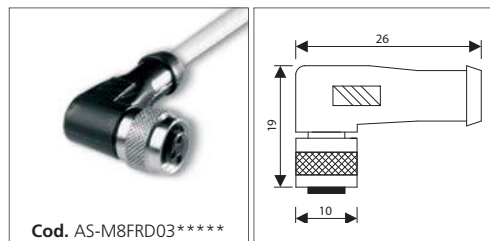


TABELLA COLORI COLOURS TABLE

1	BN
3	BU
4	BK

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero. O-ring di tenuta in NBR (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Contact: phosphorouse bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: NBR (female).

3 CONDUTTORI / 3 WIRE

COD.	"C"	"CN"	"R"	"RN"	"CS"	"RS"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) ST 80° - 300 V	3 x 22AWG (3 x 0.35) ST 80° - 300 V
Diametri Diameter	4.7 +/- 0.2	4.5 +/- 0.2	4.5 +/- 0.2	4.5 +/- 0.2	4.8 +/- 0.2	4.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15
Guaina Esterna Outer Jacket	PVC UL/CSA Oil Resistant UL 1581 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil Resistant ISO 6722 STYLE 2464 Black RAL 9005 Flame Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR compound Oil resistant ISO 6722 STYLE 21441 Black Flam Test FT2	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2
Normative di riferimento Reference standards						
Temperatura di esercizio Working temperature	-15 / +80°C Static App. +5/ +80°C Dynamic App.	-5 / +80°C Static App. +5/ +80°C Dynamic App.	-30 / +80°C Static App. -5/ +80°C Dynamic App.	-30 / +80°C Static App. -5/ +80°C Dynamic App.	-5 / +80°C Static App.	-30 / +80°C Static App. -5/ +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	120 mt / min	120 mt / min	---	---
Accelerazione Acceleration	4 mt / secq	4 mt / secq	5 mt / secq	5 mt / secq	---	5 mt / secq

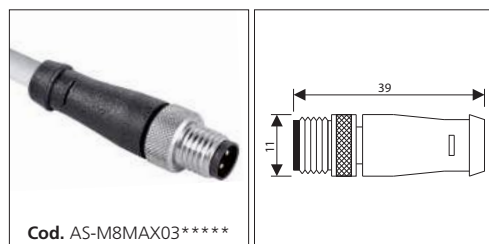
COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AX = Dritto / Straight RD = 90° AS-M8F**03050* lunghezza cavo Cable lenght 001 = 10 cm 010 = 1 m 100 = 10 m	G = grafoplast H = connettore schermato shielded connector X = ghiera inox / inox ring nut HX = connettore schermato e ghiera inox shielded connector and inox ring nut

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

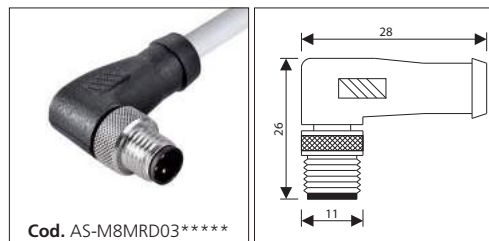
Normativa di riferimento	Reference standards	IEC 61076-2-104
Corrente Nominale	Nominal Currents	3 A
Tensione Nominale	Nominal Voltage	60 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

MASCHIO AX / MALE AX

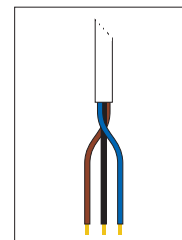


Cod. AS-M8MAX03*****

MASCHIO RD / MALE RD



Cod. AS-M8MRD03*****

TABELLA COLORI
COLOURS TABLE

1	BN
3	BU
4	BK

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03 (maschio). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero.

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Metal ring nut: nickel-plated brass. Body connector: black polyamide.

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
AX = Dritto / Straight RD = 90° Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AS-M8M**03050* lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	G = grafoplast H = connettore schermato shielded connector X = ghiera inox / inox ring nut HX = connettore schermato e ghiera inox shielded connector and inox ring nut

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-104
Corrente Nominale	Nominal Currents	3 A
Tensione Nominale	Nominal Voltage	60 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

3 CONDUTTORI / 3 WIRE

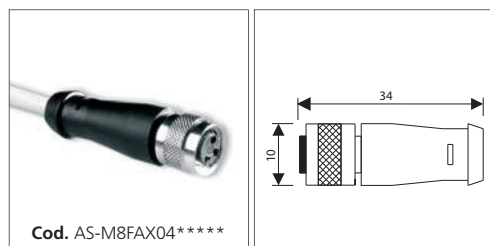
COD.	"C"	"CN"	"R"	"RN"	"CS"	"RS"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) ST 80° - 300 V	3 x 22AWG (3 x 0.35) ST 80° - 300 V
Diametri Diameter	4.7 +/- 0.2	4.5 +/- 0.2	4.5 +/- 0.2	4.5 +/- 0.2	4.8 +/- 0.2	4.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15
Guaina Esterna Outer Jacket	PVC UL/CSA Oil Resistant UL 1581 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil Resistant ISO 6722 STYLE 2464 Black RAL 9005 Flame Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR compound Oil resistant ISO 6722 STYLE 21441 Black Flam Test FT2	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2
Normative di riferimento Reference standards						
Temperatura di esercizio Working temperature	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-5 / +80°C Static App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	120 mt / min	120 mt / min	---	---
Accelerazione Acceleration	4 mt / secq	4 mt / secq	5 mt / secq	5 mt / secq	---	5 mt / secq

CONNETTORI M8 • 4 POLI

M8 CONNECTORS • 4 PINS



FEMMINA AX / FEMALE AX



FEMMINA RD / FEMALE RD

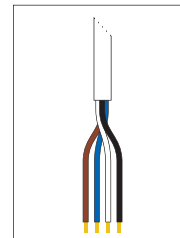
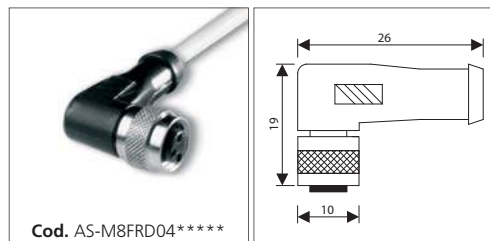


TABELLA COLORI
COLOURS TABLE

1	BN
2	WH
3	BU
4	BK

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero. O-ring di tenuta in NBR (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Contact: phosphorouse bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: NBR (female).

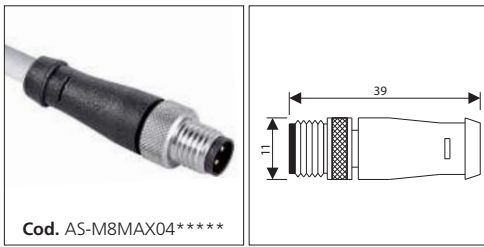
COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
AX = Dritto / Straight RD = 90° Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AS-M8F**04050* lunghezza cavo Cable length 001 = 10 cm 010 = 1 m 100 = 10 m	G = grafoplast H = connettore schermato shielded connector X = ghiera inox / inox ring nut HX = connettore schermato e ghiera inox shielded connector and inox ring nut

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-104
Corrente Nominale	Nominal Currents 3 A
Tensione Nominale	Nominal Voltage 30 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

4 CONDUTTORI / 4 WIRE

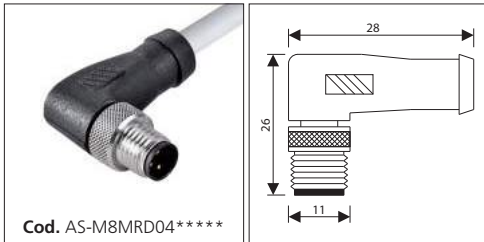
COD.	"C"	"CUY"	"CN"	"CUN"	"R"	"RUY"	"RN"	"RUN"	"CS"	"CSUN"	"RS"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PUR SCHERMATO SHIELDED PUR CABLE
Sezioni Sections	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 22AWG (4 x 0.34) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x avg 22 (4 x 0.34) 80° - 300 V	4 x 24AWG (4 x 0.25) ST 80° - 300 V	4 x 22AWG (4 x 0.34) ST 80° - 300 V	4 x 24AWG (4 x 0.25) ST 80° - 300 V
Diametri Diameter	4.6 +/- 0.2	4.8 +/- 0.2	4.6 +/- 0.2	4.8 +/- 0.2	4.6 +/- 0.2	4.0 +/- 0.2	4.7 +/- 0.2	4.9 +/- 0.2	4.9 +/- 0.2	5.4 +/- 0.2	4.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.13
Gusina Esterna Outer Jacket	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Yellow RAL 1021 DESINA Flam Test	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR UL/CSA Oil resistant ISO 6722 STYLE 2464 Black Flam Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR UL/CSA STYLE 20549 Yellow RAL 1021 DESINA Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 21441 Black - RAL9005 Flam Test FT2	PUR UL/CSA Oil resistant ISO 6722 STYLE 21441 Black RAL 9005 Flam Test FT2	PVC CEI 2022 - II Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 20549 Black Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 20549 Grey Ral 7035 Flam Test FT1
Normative di riferimento Reference standards	UL	UL	UL	UL	UL	UL	UL	UL	UL	UL	UL
Temperatura di esercizio Working temperature	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App.	-15 / +80°C Static App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	12 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	90 mt / min	120 mt / min	150 mt / min	---	150 mt / min	200 mt / min	---	---	40 mt / min
Accelerazione Acceleration	4 mt / seqq	4 mt / seqq	5 mt / seqq	4 mt / seqq	4 mt / seqq	---	4 mt / seqq	30 mt / seqq	---	---	10 mt / seqq

MASCHIO AX / MALE AX

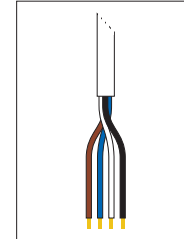


Cod. AS-M8MAX04*****

MASCHIO RD / MALE RD



Cod. AS-M8MRD04*****

TABELLA COLORI
COLOURS TABLE

1	BN
2	WH
3	BU
4	BK

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03 (maschio). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero.

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Metal ring nut: nickel-plated brass. Body connector: black polyamide.

COMPOSIZIONE CODICE
CODE COMPOSITION

AX = Dritto / Straight
RD = 90°
Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

AS-M8M**04050**/*

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m

CONFIGURAZIONI AGGIUNTIVE
MORE CONFIGURATIONS

G = grafioplast
H = connettore schermato
shielded connector
X = ghiera inox / inox ring nut
HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

SPECIFICHE TECNICHE

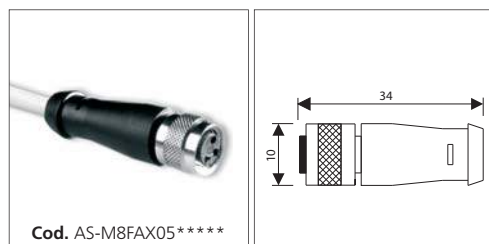
TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-104
Corrente Nominale	Nominal Currents	3 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

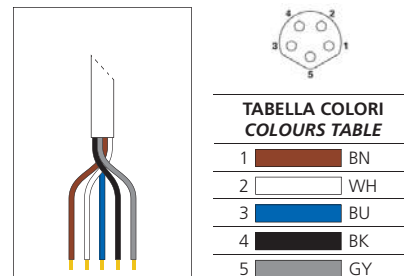
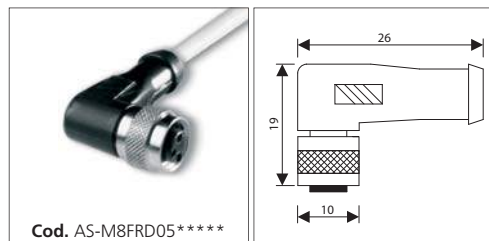
4 CONDUTTORI / 4 WIRE

COD.	"C"	"CUY"	"CN"	"CUN"	"R"	"RUY"	"RN"	"RUN"	"CS"	"CSUN"	"RS"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC L/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO SHIELDED PUR CABLE
Sezioni Sections	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 22AWG (4 x 0.34) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x avg 22 (4 x 0.34) 80° - 300 V	4 x 24AWG (4 x 0.25) ST 80° - 300 V	4 x 22AWG (4 x 0.34) ST 80° - 300 V	4 x 24AWG (4 x 0.25) ST 80° - 300 V
Diametri Diameter	4.6 +/- 0.2	4.8 +/- 0.2	4.6 +/- 0.2	4.8 +/- 0.2	4.6 +/- 0.2	4.0 +/- 0.2	4.7 +/- 0.2	4.9 +/- 0.2	4.9 +/- 0.2	5.4 +/- 0.2	4.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.13
Guaina Esterna Outer Jacket	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Yellow RAL 1021 DESINA Flam Test	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR UL/CSA Oil resistant ISO 6722 STYLE 21441 Black Flam Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR UL/CSA STYLE 20549 Yellow RAL 1021 DESINA Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 21441 Black - RAL9005 Flam Test FT2	PUR UL/CSA Oil resistant ISO 6722 STYLE 21441 Black RAL 9005 Flam Test FT2	PVC CEI 2022 - II Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 20549 Grey Ral 7035 Flam Test FT1
Normative di riferimento Reference standards	UL	UL	UL	UL	UL	UL	UL	UL	UL	UL	UL
Temperatura di esercizio Working temperature	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App.	-15 / +80°C Static App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	12 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	90 mt / min	120 mt / min	150 mt / min	---	150 mt / min	200 mt / min	---	---	40 mt / min
Accelerazione Acceleration	4 mt / seq	4 mt / seq	5 mt / seq	4 mt / seq	4 mt / seq	---	4 mt / seq	30 mt / seq	---	---	10 mt / seq

FEMMINA AX / FEMALE AX



FEMMINA RD / FEMALE RD



CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Connettore schermato / Shielded Connector

H

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AX = Dritto / Straight RD = 90° AS-M8F**05050* lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	G = grafoplast H = connettore schermato shielded connector

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero. O-ring di tenuta in NBR (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Contact: phosphorouse bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: NBR (female).

SPECIFICHE TECNICHE

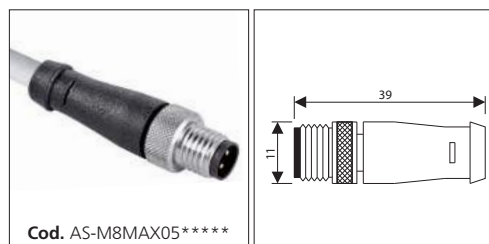
TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-104
Corrente Nominale	Nominal Currents	3 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

5 CONDUTTORI / 5 WIRE

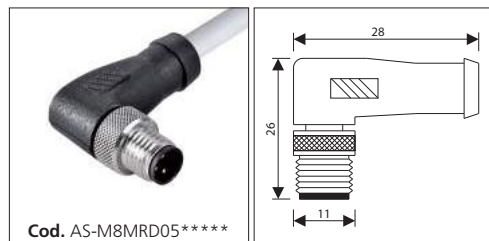
COD.	"C"	"CUY"	"CN"	"R"	"RN"	"CS"	"CSUY"	CSUN"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE
Sezioni Sections	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) ST 80°C - 300 V	5 x 24AWG (5 x 0.25) ST 80°C - 300 V	5 x 24AWG (5 x 0.25) ST 80°C - 300 V
Diametri Diameter	5 +/- 0.2	4.8 +/- 0.2	4.7 +/- 0.2	5 +/- 0.2	5 +/- 0.2	5.6 +/- 0.2	5.1 +/- 0.2	5.6 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13
Gusina Esterna Outer Jacket	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 20167 STYLE 2464 Yellow Ral 1021 DESINA Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR UL/CSA Oil resistant UL 1581 STYLE 20549 Black Flam Test FT1	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Yellow Ral 1021 DESINA Flam Test FT1	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Black Flam Test FT1
Normative di riferimento Reference standards								
Temperatura di esercizio Working temperature	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App. -5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App.	-5 / +80°C Static App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	12 x Ø esterno	12 x Ø esterno
Schermatura Shield	---	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	90 mt / min	90 mt / min	150 mt / min	90 mt / min	---	---
Accelerazione Acceleration	4 mt / secq	4 mt / secq	4 mt / secq	5 mt / secq	4 mt / secq	4 mt / secq	---	---

MASCHIO AX / MALE AX

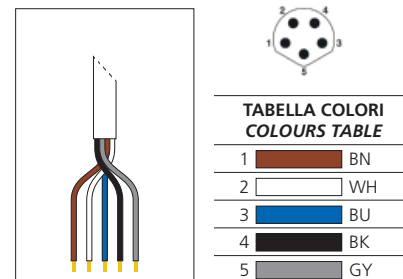


Cod. AS-M8MAX05*****

MASCHIO RD / MALE RD



Cod. AS-M8MRD05*****

TABELLA COLORI
COLOURS TABLE

1	BN
2	WH
3	BU
4	BK
5	GY

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Connettore schermato / Shielded Connector

H

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
AX = Dritto / Straight RD = 90° Tipologia cavo (vedi cod. in tabella) Cable type (code like table) lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	G = grafioplast H = connettore schermato shielded connector

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03 (maschio). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero.

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Metal ring nut: nickel-plated brass. Body connector: black polyamide.

SPECIFICHE TECNICHE

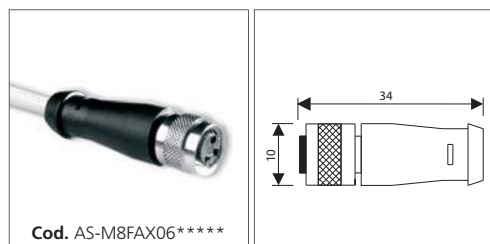
TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-104
Corrente Nominale	Nominal Currents	3 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

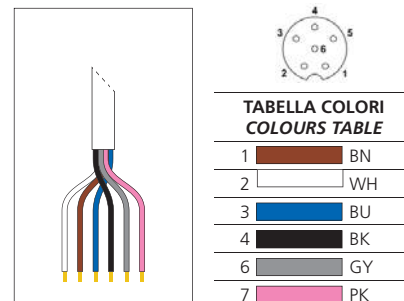
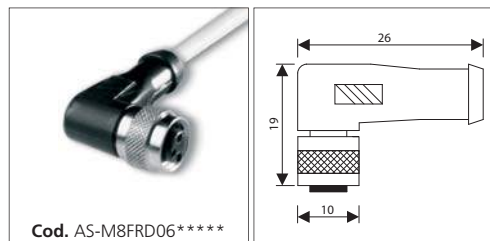
5 CONDUTTORI / 5 WIRE

COD.	"C"	"CUY"	"CN"	"R"	"RN"	"CS"	"CSUY"	"CSUN"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE
Sezioni Sections	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) ST 80°C - 300 V	5 x 24AWG (5 x 0.25) ST 80°C - 300 V	5 x 24AWG (5 x 0.25) ST 80°C - 300 V
Diametri Diameter	5 +/- 0.2	4.8 +/- 0.2	4.7 +/- 0.2	5 +/- 0.2	5 +/- 0.2	5.6 +/- 0.2	5.1 +/- 0.2	5.6 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13
Guaina Esterna Outer Jacket	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 20167 STYLE 2464 Yellow RAL 1021 DESINA Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR UL/CSA Oil resistant UL 1581 STYLE 20549 Black Flam Test FT1	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Yellow Ral 1021 DESINA Flam Test FT1	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Black Flam Test FT1
Normative di riferimento Reference standards								
Temperatura di esercizio Working temperature	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App. -5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App.	-5 / +80°C Static App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	12 x Ø esterno	12 x Ø esterno
Schermatura Shield	---	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	90 mt / min	90 mt / min	150 mt / min	90 mt / min	---	---
Accelerazione Acceleration	4 mt / seq	4 mt / seq	4 mt / seq	5 mt / seq	4 mt / seq	4 mt / seq	---	---

FEMMINA AX / FEMALE AX



FEMMINA RD / FEMALE RD



CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Connettore schermato / Shielded Connector

H

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero. O-ring di tenuta in NBR (femmina).

MATERIALS

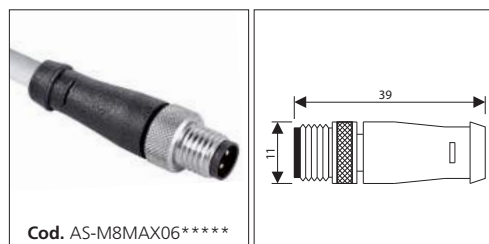
Contact plug holder: self-extinguishing ABS UL94 V0. Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: NBR (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Normativa di riferimento	Reference standards	IEC 61076-2-104
Corrente Nominale	Nominal Currents	1,5 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

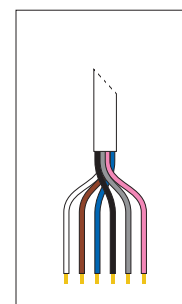
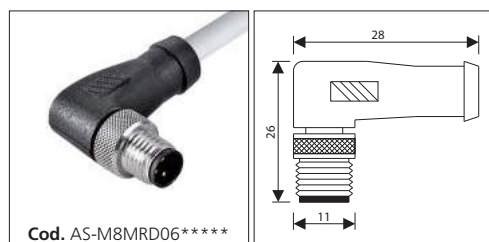
6 CONDUTTORI / 6 WIRE

COD.	"CN"	"RN"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE
Sezioni Sections	6 x 26AWG (6 x 0.14) 80° - 300 V	6 x 26AWG (6 x 0.14) 80° - 300 V
Diametri Diameter	4.6 +/- 0.2	4.7 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX	PVC classe 6 FLEX
Guaina Esterna Outer Jacket	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 20549 Black - RAL9005 Flam Test FT2
Normative di riferimento Reference standards		
Temperatura di esercizio Working temperature	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---
Velocità di traslazione Traslation's speed	90 mt / min	150 mt / min
Accelerazione Acceleration	5 mt / seqq	4 mt / seqq

MASCHIO AX / MALE AX



MASCHIO RD / MALE RD

TABELLA COLORI
COLOURS TABLE

1	BN
2	WH
3	BU
4	BK
6	GY
7	PK

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Connettore schermato / Shielded Connector

H

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03 (maschio). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero.

MATERIALS

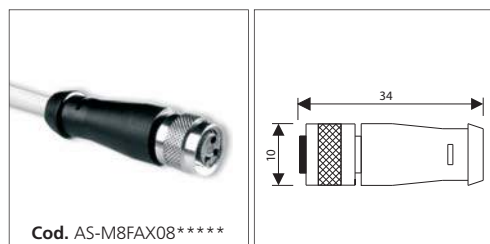
Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Metal ring nut: nickel-plated brass. Body connector: black polyamide.

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AX = Dritto / Straight RD = 90° AS-M8M**06050* lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	G = grafioplast H = connettore schermato shielded connector **/*

6 CONDUTTORI / 6 WIRE

COD.	"CN"	"RN"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE
Sezioni Sections	6 x 26AWG (6 x 0.14) 80° - 300 V	6 x 26AWG (6 x 0.14) 80° - 300 V
Diametri Diameter	4.6 +/- 0.2	4.7 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX	PVC classe 6 FLEX
Guaina Esterna Outer Jacket	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 20549 Black - RAL9005 Flam Test FT2
Normative di riferimento Reference standards		
Temperatura di esercizio Working temperature	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---
Velocità di traslazione Traslation's speed	90 mt / min	150 mt / min
Accelerazione Acceleration	5 mt / secq	4 mt / secq

FEMMINA AX / FEMALE AX



FEMMINA RD / FEMALE RD

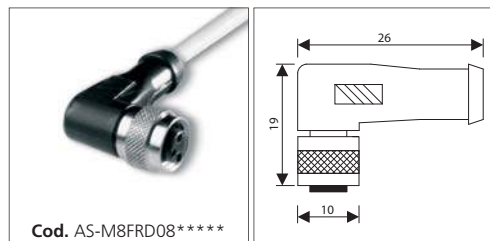


TABELLA COLORI
COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD



CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Connettore schermato / Shielded Connector

H

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero. O-ring di tenuta in NBR (femmina).

MATERIALS

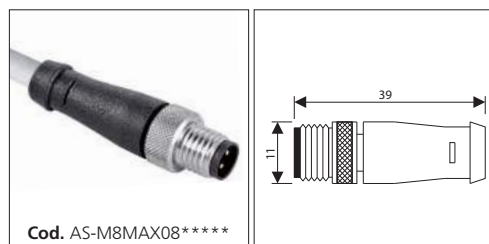
Contact plug holder: self-extinguishing ABS UL94 V0. Contact: phosphorouse bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: NBR (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-104
Corrente Nominale	Nominal Currents 1,5 A
Tensione Nominale	Nominal Voltage 30 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance $\leq 5\text{m}\Omega$
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

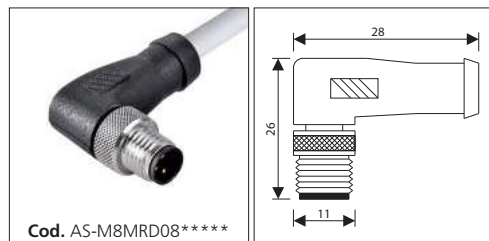
8 CONDUTTORI / 8 WIRE

COD.	"CUY"	"RUY"	"RN"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE
Sezioni Sections	8 x 26AWG (8 x 0.14) 80° - 300 V	8 x 26AWG (8 x 0.14) 80° - 300 V	8 x 26AWG (8 x 0.14) 80° - 300 V
Diametri Diameter	4.8 +/- 0.2	5.5 +/- 0.2	5.5 +/- 0.2
Conduttori Conductor	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13
Guaina Esterna Outer Jacket	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Yellow RAL 1021 DESINA Flam Test	PUR UL/CSA STYLE 20233 Yellow RAL 1021 DESINA Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 20549 Black - RAL9005 Flam Test FT2
Normative di riferimento Reference standards	RU	RU	RU
Temperatura di esercizio Working temperature	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---
Velocità di traslazione Traslation's speed	90 mt / min	---	150 mt / min
Accelerazione Acceleration	4 mt / secq	---	4 mt / secq

MASCHIO AX / MALE AX



MASCHIO RD / MALE RD

TABELLA COLORI
COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD



CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Connettore schermato / Shielded Connector

H

COMPOSIZIONE CODICE
CODE COMPOSITION

Tipologia cavo
(vedi cod. in tabella)
Cable type
(code like table)

AX = Dritto / Straight
RD = 90°

AS-M8F**08050*

lunghezza cavo
Cable length
001 = 10 cm
010 = 1 m
100 = 10 m

CONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONSH = connettore schermato
shielded connector

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03 (maschio). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero.

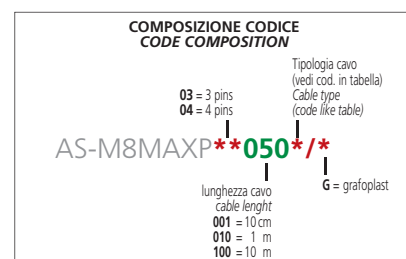
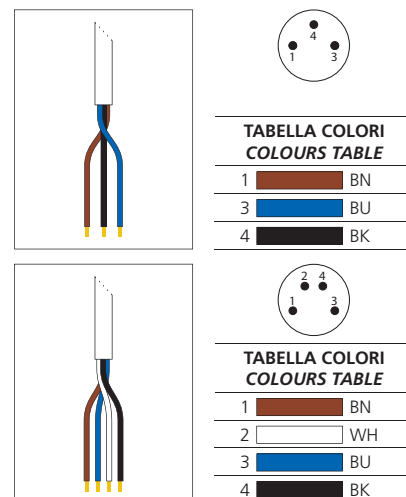
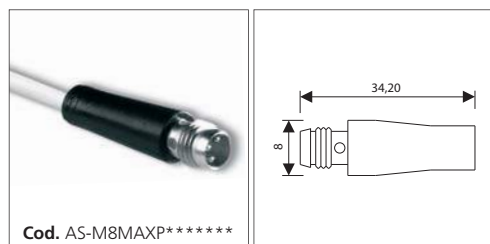
MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Metal ring nut: nickel-plated brass. Body connector: black polyamide.

8 CONDUTTORI / 8 WIRE

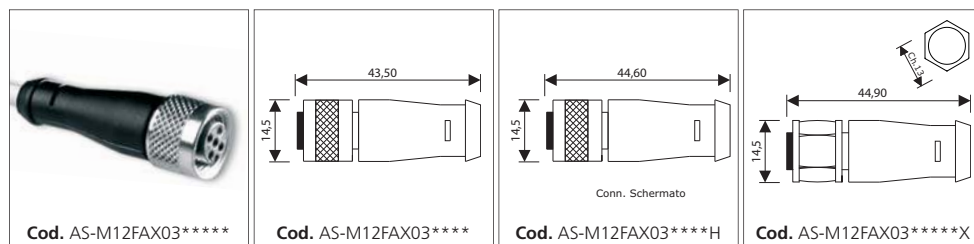
COD.	"CUY"	"RUY"	"RN"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE
Sezioni Sections	8 x 26AWG (8 x 0.14) 80° - 300 V	8 x 26AWG (8 x 0.14) 80° - 300 V	8 x 26AWG (8 x 0.14) 80° - 300 V
Diametri Diameter	4.8 +/- 0.2	5.5 +/- 0.2	5.5 +/- 0.2
Conduttori Conductor	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13
Guaina Esterna Outer Jacket	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Yellow RAL 1021 DESINA Flam Test	PUR UL/CSA STYLE 20233 Yellow RAL 1021 DESINA Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 20549 Black - RAL9005 Flam Test FT2
Normative di riferimento Reference standards			
Temperatura di esercizio Working temperature	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---
Velocità di traslazione Traslation's speed	90 mt / min	---	150 mt / min
Accelerazione Acceleration	4 mt / secq	---	4 mt / secq

MASCHIO / MALE

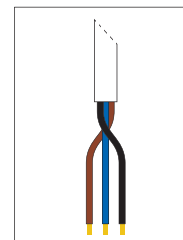
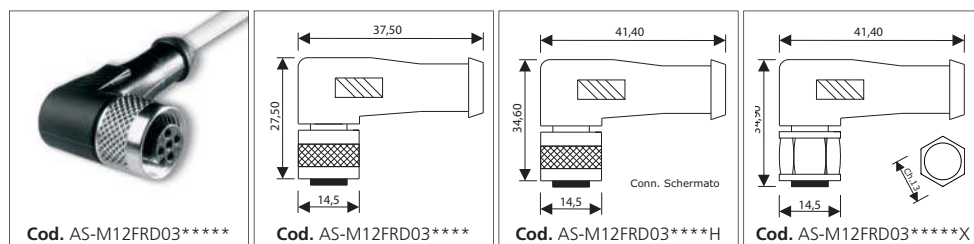


MATERIALI				SPECIFICHE TECNICHE		TECHNICAL SPECIFICATIONS		3 POLI / 3 PINS	4 POLI / 4 PINS
Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03. Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero.				Normativa di riferimento		Reference standards		IEC 61076-2-104	IEC 61076-2-104
				Corrente Nominale		Nominal Currents		3 A	3 A
				Tensione Nominale		Nominal Voltage		60 V AC-DC	30 V AC-DC
				Grado di protezione		Protection Class		IP67	IP67
				Resistività di massa		Resistance		≤ 5mΩ	≤ 5mΩ
				Temperatura di esercizio (connettore)		Working Temperature		-20/+80°C Fix Install	-20/+80°C Fix Install
COD.	C	CN	CUN	R	RN	RUN	CS	RS	
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE	
Sezioni Sections	3 x 24AWG (3 x 0.35) 4 x 24AWG (4 x 0.25)	3 x 22AWG (3 x 0.35) 4 x 24AWG (4 x 0.25)	4 x 22AWG (4 x 0.35)	3 x 22AWG (3 x 0.35) 4 x 24AWG (4 x 0.25)	3 x 22AWG (3 x 0.35) 4 x 24AWG (4 x 0.25)	4 x 24AWG (4 x 0.25)	3 x 22AWG (3 x 0.35) ST 4 x 24AWG (4 x 0.25) ST	3 x 22AWG (3 x 0.35) ST 4 x 24AWG (4 x 0.25) ST	
Diametri Diameter	4.7 +/- 0.2 4.6 +/- 0.2	4.5 +/- 0.2 4.6 +/- 0.2	4.8 +/- 0.2	4.5 +/- 0.2 4.6 +/- 0.2	4.7 +/- 0.2 4.6 +/- 0.2	4.9 +/- 0.2	4.8 +/- 0.2 4.6 +/- 0.2	4.8 +/- 0.2 4.8 +/- 0.2	
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 19 x 0.15	
Guaina Esterna Outer Jacket	PVC UL/CSA	PVC UL/CSA	PVC UL/CSA	PUR compound	PUR compound	PUR UL/CSA	PVC UL/CSA	PUR Compound	
	Oil Resistant UL 1581	Oil Resistant UL 1581	Oil Resistant ISO 6722	Oil resistant ISO 6722	Oil resistant ISO 6722	Oil resistant ISO 6722	Oil resistant ISO 6722	Oil resistant ISO 6722	
	STYLE 2464	STYLE 2464	STYLE 2464	STYLE 20549	STYLE 21441	STYLE 21441	STYLE 2464	STYLE 21441	
	Grey Ral 7035	Black	Black	Grey Ral 7035	Black	Black	Grey Ral 7035	Grey Ral 7035	
	Flame Test FT1	Flame Test FT1	Flame Test FT1	Flame Test FT1	Flame Test FT2	Flame Test FT2	Flame Test FT1	Flame Test FT1	
Normative di riferimento Reference standards									
Temperatura di esercizio Working temperature	-15 / +80°C Static App. +5/ +80°C Dynamic App.	-5 / +80°C Static App. +5/ +80°C Dynamic App.	-5 / +80°C Static App. +5/ +80°C Dynamic App.	-15 / +80°C Static App. -5/ +80°C Dynamic App.	-15 / +80°C Static App. -5/ +80°C Dynamic App	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-5 / +80°C Static App.	-15 / +80°C Static App. -5/ +80°C Dynamic App	
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	
Schermatura Shield	---	---	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	
Velocità di traslazione Traslotion's speed	90 mt / min	90 mt / min	120 mt / min	150 mt / min	150 mt / min	200 mt / min	---	40 mt / min	
Accelerazione Acceleration	4 mt / secq	4 mt / secq	4 mt / secq	4 mt / secq	4 mt / secq	30 mt / secq	---	4 mt / secq	

FEMMINA AX / FEMALE AX



FEMMINA RD / FEMALE RD

TABELLA COLORI
COLOURS TABLE

1	BN
3	BU
4	BK

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero. O-ring di tenuta in Viton (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: Viton (female).

COMPOSIZIONE CODICE
CODE COMPOSITION

Tipologia cavo
(vedi cod. in tabella)
Cable type
(code like table)

AX = Dritto / Straight
RD = 90°

AS-M12F**03050*

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m

CONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS

G = grafoplast

H = connettore schermato
shielded connector

X = ghiera inox / inox ring nut

HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale	Nominal Voltage	250 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

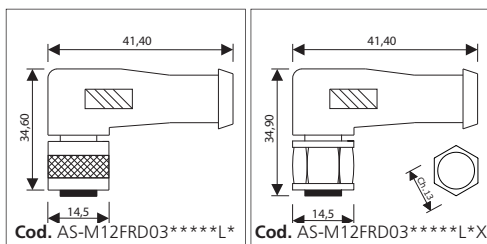
3 CONDUTTORI / 3 WIRE

COD.	"C"	"CN"	"R"	"RN"	"CS"	"RS"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) ST 80° - 300 V	3 x 22AWG (3 x 0.35) ST 80° - 300 V
Diametri Diameter	4.7 +/- 0.2	4.5 +/- 0.2	4.5 +/- 0.2	4.5 +/- 0.2	4.8 +/- 0.2	4.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15
Guaina Esterna Outer Jacket	PVC UL/CSA Oil Resistant UL 1581 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil Resistant ISO 6722 STYLE 2464 Black RAL 9005 Flame Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR compound Oil resistant ISO 6722 STYLE 21441 Black Flam Test FT2	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2
Normative di riferimento Reference standards						
Temperatura di esercizio Working temperature	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-5 / +80°C Static App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di trascinamento Traslation's speed	90 mt / min	90 mt / min	120 mt / min	120 mt / min	---	---
Accelerazione Acceleration	4 mt / secq	4 mt / secq	5 mt / secq	5 mt / secq	---	5 mt / secq

FEMMINA 3 POLI / FEMALE 3 PINS



Cod. AS-M12FRD03****L*



Cod. AS-M12FRD03****L*

Cod. AS-M12FRD03****L*X

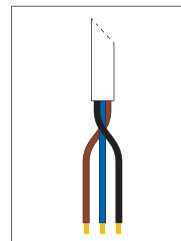
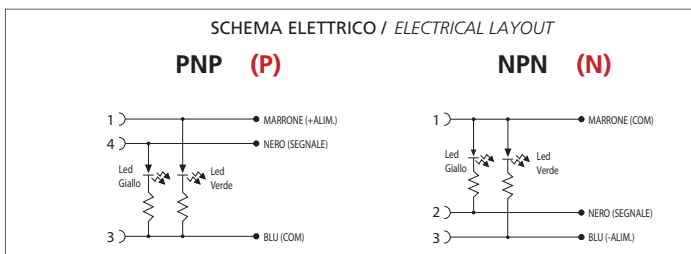


TABELLA COLORI
COLOURS TABLE

1	BN
3	BU
4	BK



CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 50 pcs **X**

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in TPU trasparente. O-ring di tenuta in Viton (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: Viton (female).

COMPOSIZIONE CODICE
CODE COMPOSITION

Tipologia cavo
(vedi cod. in tabella)
Cable type
(code like table)

AS-M12FRD03**050****L******/***

lunghezza cavo
cable lenght
001 = 10cm
010 = 1 m
100 = 10 m

P = PNP
N = NPN

CONFIGURAZIONI AGGIUNTIVE
MORE CONFIGURATIONS

G = grafoplast

X = ghiera inox / inox ring nut

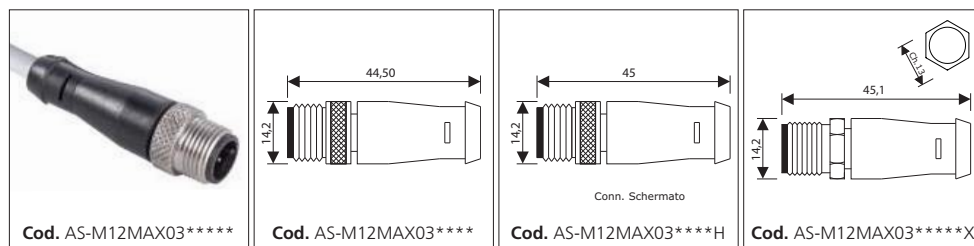
SPECIFICHE TECNICHE

Specifiche Tecniche	Technical Specifications
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 4 A
Tensione Nominale	Nominal Voltage 10-30 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

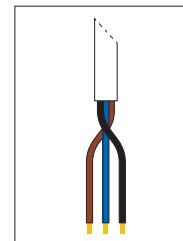
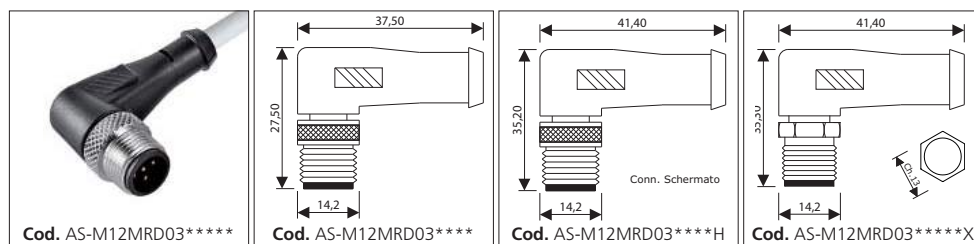
3 CONDUTTORI / 3 WIRE

COD.	"C"	"CN"	"R"	"RN"	"CS"	"RS"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) ST 80° - 300 V	3 x 22AWG (3 x 0.35) ST 80° - 300 V
Diametri Diameter	4.7 +/- 0.2	4.5 +/- 0.2	4.5 +/- 0.2	4.5 +/- 0.2	4.8 +/- 0.2	4.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15
Gusina Esterna Outer Jacket	PVC UL/CSA Oil Resistant UL 1581 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil Resistant ISO 6722 STYLE 2464 Black RAL 9005 Flame Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR compound Oil resistant ISO 6722 STYLE 21441 Black Flam Test FT2	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2
Normative di riferimento Reference standards						
Temperatura di esercizio Working temperature	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-5 / +80°C Static App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	120 mt / min	120 mt / min	---	---
Accelerazione Acceleration	4 mt / secq	4 mt / secq	5 mt / secq	5 mt / secq	---	5 mt / secq

MASCHIO AX / MALE AX



MASCHIO RD / MALE RD

TABELLA COLORI
COLOURS TABLE

1	BN
3	BU
4	BK

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03 (maschio). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero.

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Metal ring nut: nickel-plated brass. Body connector: black polyamide.

COMPOSIZIONE CODICE
CODE COMPOSITION

Tipologia cavo
(vedi cod. in tabella)
Cable type
(code like table)

AX = Dritto / Straight
RD = 90°

AS-M12M**03050**

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m

CONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS

G = grafoplast

H = connettore schermato
shielded connector

X = ghiera inox / inox ring nut

HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

SPECIFICHE TECNICHE

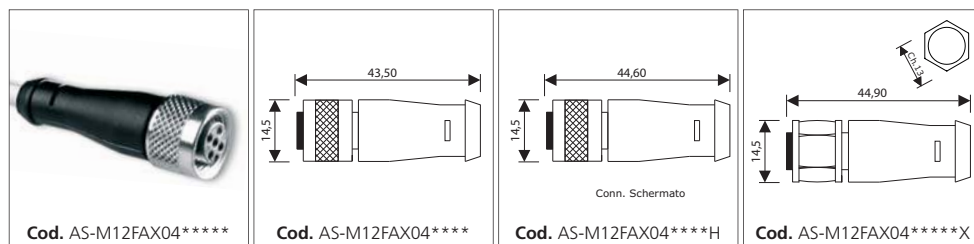
TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale	Nominal Voltage	250 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

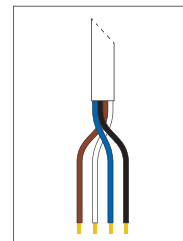
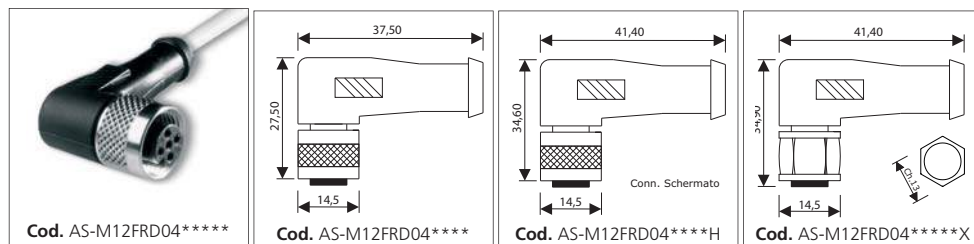
3 CONDUTTORI / 3 WIRE

COD.	"C"	"CN"	"R"	"RN"	"CS"	"RS"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) ST 80° - 300 V	3 x 22AWG (3 x 0.35) ST 80° - 300 V
Diametri Diameter	4.7 +/- 0.2	4.5 +/- 0.2	4.5 +/- 0.2	4.5 +/- 0.2	4.8 +/- 0.2	4.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15
Guaina Esterna Outer Jacket	PVC UL/CSA Oil Resistant UL 1581 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Black RAL 9005 Flame Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR compound Oil resistant ISO 6722 STYLE 21441 Black Flam Test FT2	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2
Normative di riferimento Reference standards						
Temperatura di esercizio Working temperature	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-5 / +80°C Static App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	120 mt / min	120 mt / min	---	---
Accelerazione Acceleration	4 mt / seqq	4 mt / seqq	5 mt / seqq	5 mt / seqq	---	5 mt / seqq

FEMMINA AX / FEMALE AX



FEMMINA RD / FEMALE RD

TABELLA COLORI
COLOURS TABLE

1	BN
2	WH
3	BU
4	BK

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H
Connettore cod. D / Connector D code		D



MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero. O-ring di tenuta in Viton (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: Viton (female).

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
AX = Dritto / Straight RD = 90° Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AS-M12F**04050* lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	D = Connector Cod. D G = grafoplast H = connettore schermato shielded connector X = ghiera inox / inox ring nut HX = connettore schermato e ghiera inox shielded connector and inox ring nut

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale	Nominal Voltage	250 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

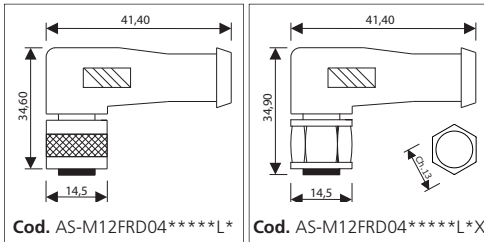
4 CONDUTTORI / 4 WIRE

COD.	"C"	"CUY"	"CN"	"CUN"	"R"	"RUY"	"RN"	"RUN"	"CS"	"CSUN"	"RS"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 22AWG (4 x 0.34) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 22AWG (4 x 0.34) 80° - 300 V	4 x 22AWG (4 x 0.34) ST 80° - 300 V	4 x 24AWG (4 x 0.25) ST 80° - 300 V
Diametri Diameter	4,6 +/- 0,2	4,8 +/- 0,2	4,6 +/- 0,2	4,8 +/- 0,2	4,6 +/- 0,2	4,0 +/- 0,2	4,7 +/- 0,2	4,9 +/- 0,2	4,9 +/- 0,2	5,4 +/- 0,2	4,8 +/- 0,2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.13
Guaina Esterna Outer Jacket	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Yellow Ral 1021 DESINA Flam Test	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR UL/CSA Oil resistant ISO 6722 STYLE 2464 Black Flam Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR UL/CSA STYLE 20549 Yellow Ral 1021 DESINA Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 21441 Black - RAL9005 Flam Test FT2	PUR UL/CSA Oil resistant ISO 6722 STYLE 21441 Black RAL 9005 Flam Test FT2	PVC CEI 2022 - II Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 20549 Grey Ral 7035 Flam Test FT1
Normative di riferimento Reference standards											
Temperatura di esercizio Working temperature	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App.	-15 / +80°C Static App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	12 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslotion's speed	90 mt / min	90 mt / min	90 mt / min	120 mt / min	150 mt / min	---	150 mt / min	200 mt / min	---	---	40 mt / min
Accelerazione Acceleration	4 mt / seqq	4 mt / seqq	5 mt / seqq	4 mt / seqq	4 mt / seqq	---	4 mt / seqq	30 mt / seqq	---	---	10 mt / seqq

FEMMINA 4 POLI / FEMALE 4 PINS

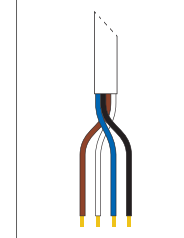


Cod. AS-M12FRD04****L



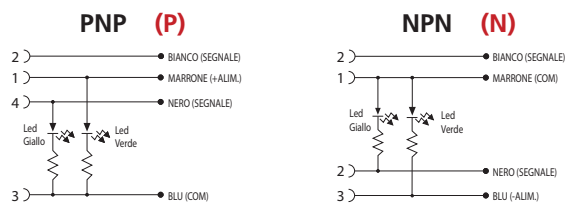
Cod. AS-M12FRD04****L*

Cod. AS-M12FRD04****L*X

TABELLA COLORI
COLOURS TABLE

1	BN
2	WH
3	BU
4	BK

SCHEMA ELETTRICO / ELECTRICAL LAYOUT



CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut

min. 50 pcs

X

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in TPU trasparente. O-ring di tenuta in Viton (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Contact: phosphorouse bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body trasparente TPU. Body connector: black polyamide. O-ring: Viton (female).

COMPOSIZIONE CODICE
CODE COMPOSITIONTipologia cavo
(vedi cod. in tabella)
Cable type
(code like table)

AS-M12FRD04050*L*X/*

lunghezza cavo
cable lenght
001 = 10 cm
010 = 1 m
100 = 10 mP = PNP
N = NPN

X = ghiera inox / inox ring nut

CONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS

G = grafioplast

SPECIFICHE TECNICHE

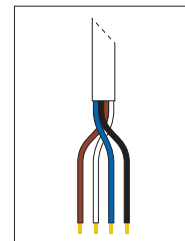
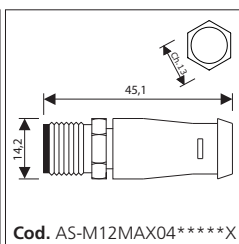
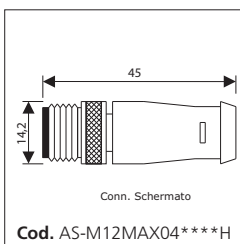
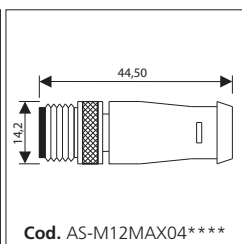
TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale	Nominal Voltage	10-30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

4 CONDUTTORI / 4 WIRE

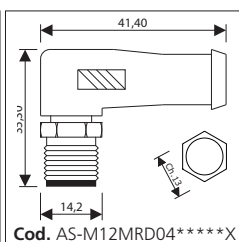
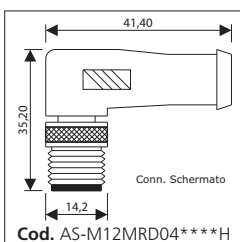
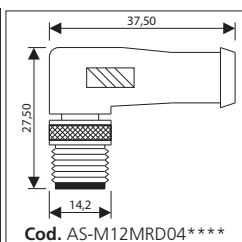
COD.	"C"	"CUY"	"CN"	"CUN"	"R"	"RUY"	"RN"	"RUN"	"CS"	"CSUN"	"RS"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO SHIELDED PUR CABLE
Sezioni Sections	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 22AWG (4 x 0.34) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x awg 22 (4 x 0.34) 80° - 300 V	4 x 24AWG (4 x 0.25) ST 80° - 300 V	4 x 22AWG (4 x 0.34) ST 80° - 300 V	4 x 24AWG (4 x 0.25) ST 80° - 300 V
Diametri Diameter	4.6 +/- 0.2	4.8 +/- 0.2	4.6 +/- 0.2	4.8 +/- 0.2	4.6 +/- 0.2	4.0 +/- 0.2	4.7 +/- 0.2	4.9 +/- 0.2	4.9 +/- 0.2	5.4 +/- 0.2	4.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.13
Guaia Esterna Outer Jacket	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Yellow RAL 1021 DESINA Flam Test	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR UL/CSA Oil resistant ISO 6722 STYLE 2464 Black Flam Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR UL/CSA STYLE 20549 Yellow RAL 1021 DESINA Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 21441 Black - RAL9005 Flam Test FT2	PUR UL/CSA Oil resistant ISO 6722 STYLE 21441 Black RAL 9005 Flam Test FT2	PVC CEI 2022 - II Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 20549 Black Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 20549 Grey Ral 7035 Flam Test FT1
Normative di riferimento Reference standards											
Temperatura di esercizio Working temperature	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App.	-15 / +80°C Static App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	12 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslotion's speed	90 mt / min	90 mt / min	90 mt / min	120 mt / min	150 mt / min	---	150 mt / min	200 mt / min	---	---	40 mt / min
Accelerazione Acceleration	4 mt / seqq	4 mt / seqq	5 mt / seqq	4 mt / seqq	4 mt / seqq	---	4 mt / seqq	30 mt / seqq	---	---	10 mt / seqq

MASCHIO AX / MALE AX

TABELLA COLORI
COLOURS TABLE

1	BN
2	WH
3	BU
4	BK

MASCHIO RD / MALE RD



CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 50 pcs **X**

Connettore schermato / Shielded Connector **H**

Connettore cod. D / Connector D code **D**



MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03 (maschio). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero.

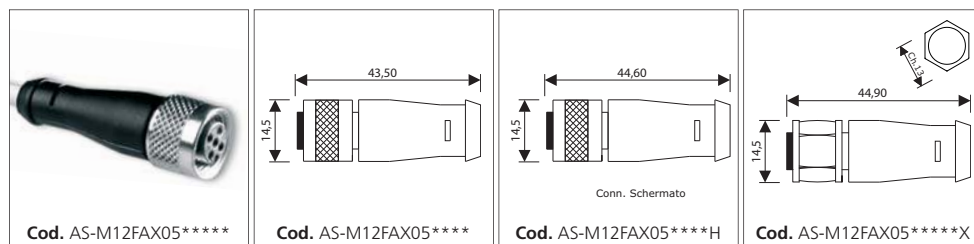
MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Metal ring nut: nickel-plated brass. Body connector: black polyamide.

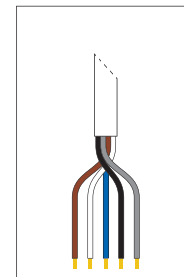
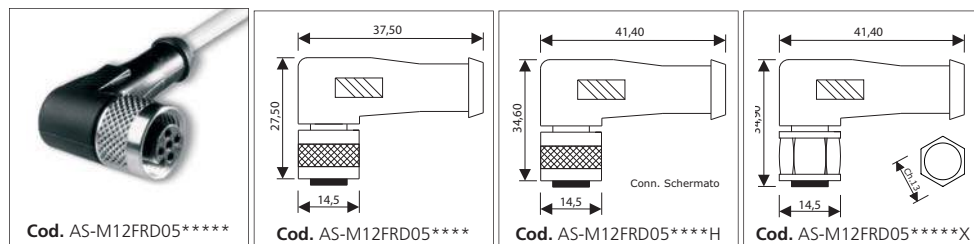
4 CONDUTTORI / 4 WIRE

COD.	"C"	"CUY"	"CN"	"CUN"	"R"	"RUY"	"RN"	"RUN"	"CS"	"CSUN"	"RS"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO SHIELDED PUR CABLE
Sezioni Sections	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 22AWG (4 x 0.34) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x avg 22 (4 x 0.34) 80° - 300 V	4 x 24AWG (4 x 0.25) ST 80° - 300 V	4 x 22AWG (4 x 0.34) ST 80° - 300 V	4 x 24AWG (4 x 0.25) ST 80° - 300 V
Diametri Diameter	4.6 +/- 0.2	4.8 +/- 0.2	4.6 +/- 0.2	4.8 +/- 0.2	4.6 +/- 0.2	4.0 +/- 0.2	4.7 +/- 0.2	4.9 +/- 0.2	4.9 +/- 0.2	5.4 +/- 0.2	4.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.13
Guaina Esterna Outer Jacket	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Yellow Ral 1021 DESINA Flam Test	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR UL/CSA Oil resistant ISO 6722 STYLE 21441 Black Flam Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR UL/CSA STYLE 20549 Yellow Ral 1021 DESINA Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 21441 Black - RAL9005 Flam Test FT2	PUR UL/CSA Oil resistant ISO 6722 STYLE 21441 Black RAL 9005 Flam Test FT2	PVC CEI 2022 - II Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 20549 Grey Ral 7035 Flam Test FT1
Normative di riferimento Reference standards											
Temperatura di esercizio Working temperature	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App.	-15 / +80°C Static App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	12 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di trazione Traction's speed	90 mt / min	90 mt / min	90 mt / min	120 mt / min	150 mt / min	---	150 mt / min	200 mt / min	---	---	40 mt / min
Accelerazione Acceleration	4 mt / seq	4 mt / seq	5 mt / seq	4 mt / seq	4 mt / seq	---	4 mt / seq	30 mt / seq	---	---	10 mt / seq

FEMMINA AX / FEMALE AX



FEMMINA RD / FEMALE RD

TABELLA COLORI
COLOURS TABLE

1	BN
2	WH
3	BU
4	BK
5	GY

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 50 pcs X

Connettore schermato / Shielded Connector H

Connettore cod. B / Connector B code B



MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero. O-ring di tenuta in Viton (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: Viton (female).

SPECIFICHE TECNICHE

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale	Nominal Voltage	60 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

COMPOSIZIONE CODICE
CODE COMPOSITION

AX = Dritto / Straight
RD = 90°

Tipologia cavo
(vedi cod. in tabella)
Cable type
(code like table)

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m

CONFIGURAZIONI AGGIUNTIVE
MORE CONFIGURATIONS

B = Connettore Cod. B
G = grafoplast

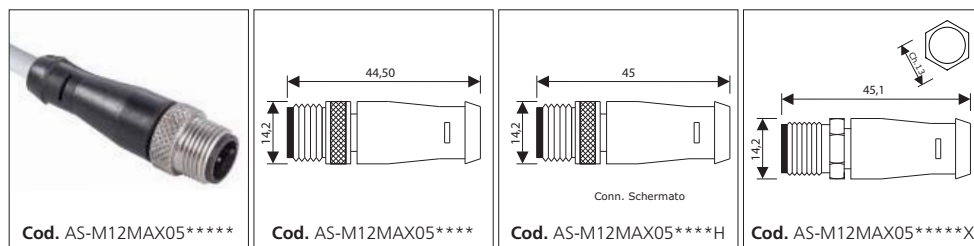
AS-M12F05050***

H = connettore schermato
shielded connector
X = ghiera inox / inox ring nut
HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

5 CONDUTTORI / 5 WIRE

COD.	"C"	"CUY"	"CN"	"R"	"RN"	"RUN"	"CS"	"CSUY"	CSUN"	"RSUN"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PUR CABLE	CAVO PVC UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PUR SCHERMATO SHIELDED PUR CABLE
Sezioni Sections	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 22AWG (5 x 0.34) 80°C - 300 V	5 x 24AWG (5 x 0.25) ST 80°C - 300 V	5 x 24AWG (5 x 0.25) ST 80°C - 300 V	5 x 24AWG (5 x 0.25) ST 80°C - 300 V	5 x 22AWG (5 x 0.34) ST 80°C - 300 V
Diametri Diameter	5 +/- 0.2	4.8 +/- 0.2	4.7 +/- 0.2	5 +/- 0.2	5 +/- 0.2	4.9 +/- 0.2	5.6 +/- 0.2	5.1 +/- 0.2	5.6 +/- 0.2	6.3 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 42 x 0.10
Guaina Esterna Outer Jacket	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 20167 STYLE 2464 Yellow RAL 1021 DESINA Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR UL/CSA Oil resistant UL 1581 STYLE 20549 Black Flam Test FT1	PUR UL/CSA Oil resistant UL 1581 STYLE 20549 Black Flam Test FT1	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Yellow Ral 1021 DESINA Flam Test FT1	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Black Flam Test FT1	PUR UL/CSA Oil resistant UL 1581 STYLE 20549 Halogen Free - Black Flam Test FT1
Normative di riferimento Reference standards										
Temperatura di esercizio Working temperature	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App. -5 / +80°C Dynamic App.	-40 / +80°C Static App. -5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App.	-5 / +80°C Static App.	-40 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	12 x Ø esterno	12 x Ø esterno	7 x Ø esterno
Schermatura Shield	---	---	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	90 mt / min	90 mt / min	150 mt / min	200 mt / min	90 mt / min	---	---	220 mt / min
Accelerazione Acceleration	4 mt / seq	4 mt / seq	4 mt / seq	5 mt / seq	4 mt / seq	30 mt / seq	4 mt / seq	---	---	10 mt / seq

MASCHIO AX / MALE AX



MASCHIO RD / MALE RD

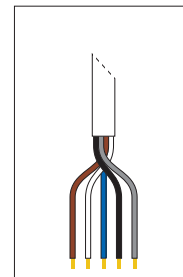
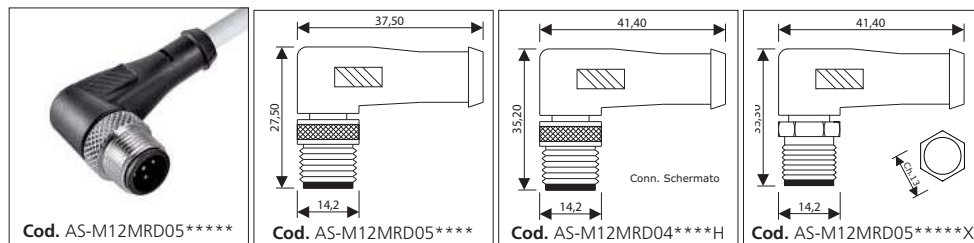


TABELLA COLORI COLOURS TABLE	
1	BN
2	WH
3	BU
4	BK
5	GY

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox / Inox Ring Nut min. 50 pcs **X**

Connettore schermato / Shielded Connector **H**

Connettore cod. B / Connector B code **B**



MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03 (maschio). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero.

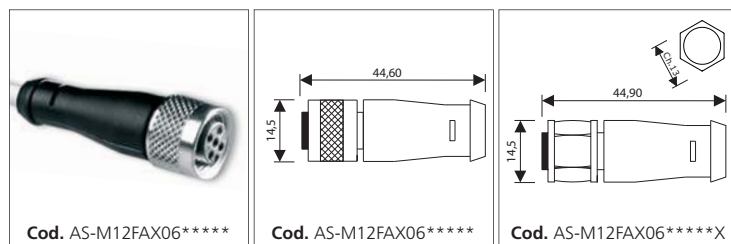
MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Metal ring nut: nickel-plated brass. Body connector: black polyamide.

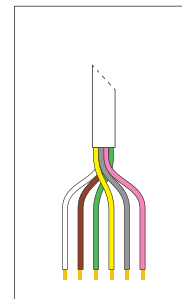
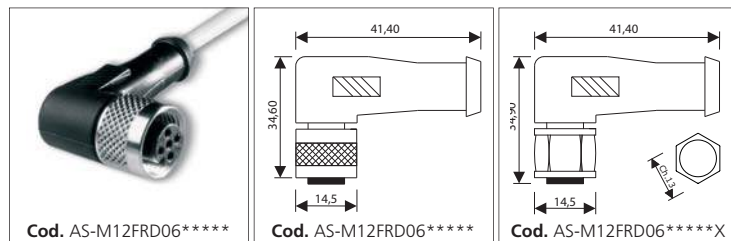
5 CONDUTTORI / 5 WIRE

COD.	"C"	"CUY"	"CN"	"R"	"RN"	"RUN"	"CS"	"CSUY"	"CSUN"	"RSUN"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PUR SCHERMATO SHIELDED PUR CABLE	CAVO PUR SCHERMATO SHIELDED PUR CABLE
Sezioni Sections	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.34) 80°C - 300 V	5 x 24AWG (5 x 0.25) ST 80°C - 300 V	5 x 24AWG (5 x 0.25) ST 80°C - 300 V	5 x 24AWG (5 x 0.25) ST 80°C - 300 V	5 x 22AWG (5 x 0.34) ST 80°C - 300 V
Diametri Diameter	5 +/- 0.2	4.8 +/- 0.2	4.7 +/- 0.2	5 +/- 0.2	5 +/- 0.2	4.9 +/- 0.2	5.6 +/- 0.2	5.1 +/- 0.2	5.6 +/- 0.2	6.3 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 42 x 0.10
Guaina Esterna Outer Jacket	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 20167 STYLE 2464 Yellow Ral 1021 DESINA Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR UL/CSA Oil resistant UL 1581 STYLE 20549 Black Flam Test FT1	PUR UL/CSA Oil resistant UL 1581 STYLE 20549 Black Flam Test FT1	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Yellow Ral 1021 DESINA Flam Test FT1	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Black Flam Test FT1	PUR UL/CSA Oil resistant UL 1581 STYLE 20549 Halogen Free - Black Flam Test FT1
Normative di riferimento Reference standards										
Temperatura di esercizio Working temperature	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App. -5 / +80°C Dynamic App.	-40 / +80°C Static App. -5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App.	-5 / +80°C Static App.	-40 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	12 x Ø esterno	12 x Ø esterno	7 x Ø esterno
Schermatura Shield	---	---	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	90 mt / min	90 mt / min	150 mt / min	200 mt / min	90 mt / min	---	---	220 mt / min
Accelerazione Acceleration	4 mt / seq	4 mt / seq	4 mt / seq	5 mt / seq	4 mt / seq	30 mt / seq	4 mt / seq	---	---	10 mt / seq

FEMMINA AX / FEMALE AX



FEMMINA RD / FEMALE RD

TABELLA COLORI
COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
6	GY
7	PK

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero. O-ring di tenuta in Viton (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: Viton (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 2 A
Tensione Nominale	Nominal Voltage 30 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance $\leq 5\text{m}\Omega$
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

COMPOSIZIONE CODICE
CODE COMPOSITION

AX = Dritto / Straight
RD = 90°

AS-M12F**06050*

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m

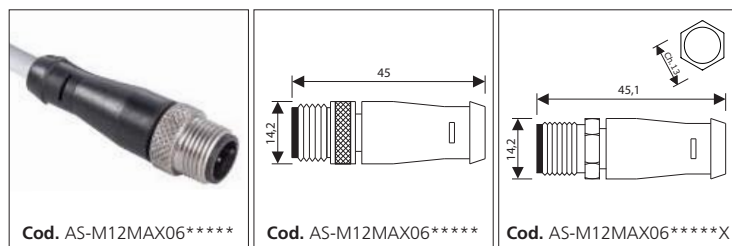
CONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS

G = grafoplast

H = connettore schermato
shielded connector
X = ghiera inox / inox ring nut
HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

COD.	C	CS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE
Sezioni Sections	6 x 24AWG (6 x 0.25) 80°C - 300 V	6 x 24AWG (6 x 0.25) ST 80°C - 300 V
Diametri Diameter	5.9 +/- 0.15	6.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC FLEX 32 x 0.10
Guaina Esterna Outer Jacket	PVC UL/CSA Oil resistant UL 1581 STYLE 20167 Grey RAL 7035 Flam Retardant FT1	PVC UL/CSA Oil Resistant UL 1581 STYLE 20167 Grey RAL 7035 Flam Retardant
Normative di riferimento Reference standards	UL	UL
Temperatura di esercizio Working temperature	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	12 x Ø esterno
Schematura Shield	---	A treccia - Copertura $\geq 80\%$ Braided coverage $\geq 80\%$
Velocità di traslazione Traslacion's speed	90 mt / min	---
Accelerazione Acceleration	4 mt / secq	---

MASCHIO AX / MALE AX



MASCHIO RD / MALE RD

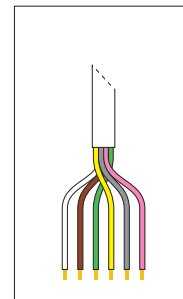
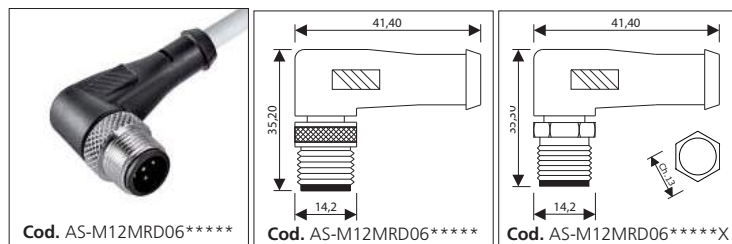


TABELLA COLORI COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
6	GY
7	PK

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03 (maschio). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero.

MATERIALS

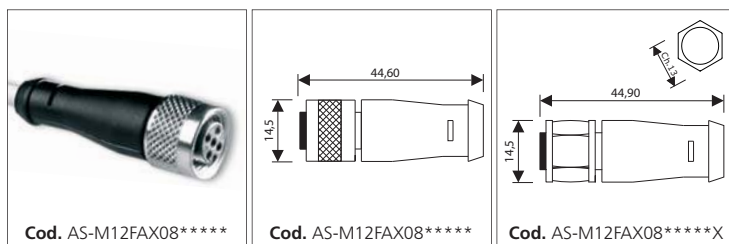
Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Metal ring nut: nickel-plated brass. Body connector: black polyamide.

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 2 A
Tensione Nominale	Nominal Voltage 30 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

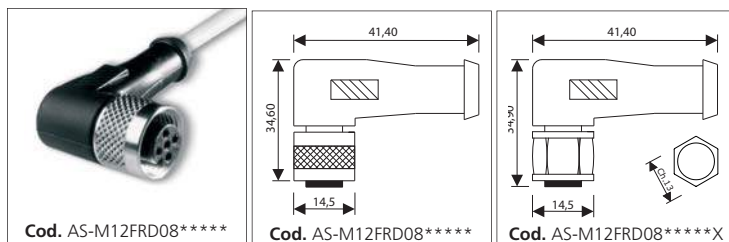
COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AX = Dritto / Straight RD = 90° lunghezza cavo Cable length 001 = 10 cm 010 = 1 m 100 = 10 m AS-M12M**06050*	G = grafoplast H = connettore schermato shielded connector X = ghiera inox / inox ring nut HX = connettore schermato e ghiera inox shielded connector and inox ring nut

COD.	C	CS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE
Sezioni Sections	6 x 24AWG (6 x 0.25) 80°C - 300 V	6 x 24AWG (6 x 0.25) ST 80°C - 300 V
Diametri Diameter	5.9 +/- 0.15	6.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC FLEX 32 x 0.10
Guaina Esterna Outer Jacket	PVC UL/CSA Oil resistant UL 1581 STYLE 20167 Grey RAL 7035 Flam Retardant FT1	PVC UL/CSA Oil Resistant UL 1581 STYLE 20167 Grey RAL 7035 Flam Retardant
Normative di riferimento Reference standards	UL	UL
Temperatura di esercizio Working temperature	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	12 x Ø esterno
Schermatura Shield	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslation's speed	90 mt / min	---
Accelerazione Acceleration	4 mt / secq	---

FEMMINA AX / FEMALE AX



FEMMINA RD / FEMALE RD

TABELLA COLORI
COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero. O-ring di tenuta in Viton (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: Viton (female).

COMPOSIZIONE CODICE
CODE COMPOSITION

AX = Dritto / Straight
RD = 90°
Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)
AS-M12F**08050*
lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m

CONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS

G = grafoplast
H = connettore schermato
shielded connector
X = ghiera inox / inox ring nut
HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	2 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

8 CONDUTTORI / 8 WIRE

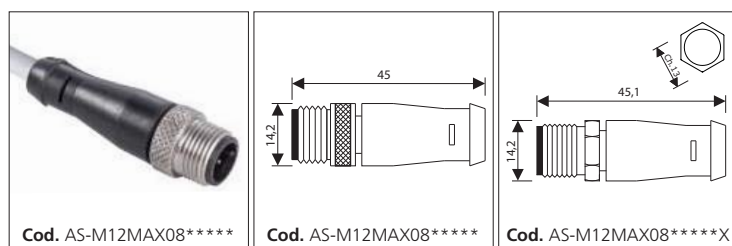
COD.	"C"	"CUY"	"CUN"	"RUN"	"CS"	"CSUY"	"CSUN"	"RSUN"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO UL/CSA UL/CSA PVC SHIELDED CABLE	CAVO PVC SCHERMATO UL/CSA UL/CSA PVC SHIELDED CABLE	CAVO PVC SCHERMATO UL/CSA UL/CSA PVC SHIELDED CABLE	CAVO PUR UL/CSA SCHERMATO UL/CSA PUR SHIELDED CABLE
Sezioni Sections	8 x 24AWG (8 x 0.22) 80°C - 300 V	8 x 24AWG (8 x 0.25) 80°C - 300 V	8 x 24AWG (8 x 0.25) 80°C - 300 V	8 x 24AWG (8 x 0.25) 80°C - 300 V	8 x 24AWG (8 x 0.25) ST 80°C - 300 V	8 x 24AWG (8 x 0.25) ST 80°C - 300 V	8 x 24AWG (8 x 0.25) ST 80°C - 300 V	8 x 24AWG (8 x 0.25) ST 80°C - 300 V
Diametri Diameter	5.8 +/- 0.2	6.8 +/- 0.2	5.8 +/- 0.2	6.0 +/- 0.2	6.7 +/- 0.2	6.8 +/- 0.2	6.5 +/- 0.1	6.7 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 7 x 0.20	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC FLEX 19 x 0.13	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13
Guaina Esterna Outer Jacket	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey RAL 7035 Flam Test FT1	PVC UL/CSA STYLE 2095 Yellow RAL 1021 DESINA Flam Test FT1	PVC UL/CSA STYLE 2464 Black Flam Test FT1	PUR UL/CSA STYLE 20233 Black Flam Test FT1	PVC UL/CSA Oil Resistant ISO 6722 STYLE 2464 Grey RAL 7035 Flam Test FT1	PVC UL/CSA STYLE 2095 Yellow RAL 1021 DESINA Flam Test FT1	PVC UL/CSA STYLE 2464 Black Flam Test FT1	PUR UL/CSA Oil resistant ISO 6722 STYLE 21441 Black Flam Test FT2
Normative di riferimento Reference standards								
Temperatura di esercizio Working temperature	-25 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-40 / +80°C Static App. -5 / +80°C Dynamic App.	-5 / +80°C Static App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	12 x Ø esterno	7 x Ø esterno	12 x Ø esterno	10 x Ø esterno	12 x Ø esterno	7 x Ø esterno
Schermatura Shield	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	120 mt / min	220 mt / min	---	---	---	200 mt / min
Accelerazione Acceleration	4 mt / seq	4 mt / seq	4 mt / seq	10 mt / seq	---	---	---	5 mt / seq

CONNETTORI M12 • 8 POLI

M12 CONNECTORS • 8 PINS



MASCHIO AX / MALE AX



MASCHIO RD / MALE RD

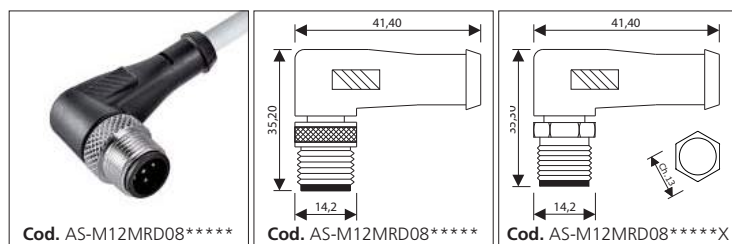
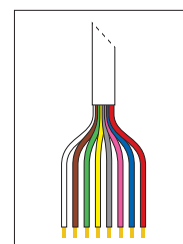


TABELLA COLORI COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD



CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03 (maschio). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero.

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Metal ring nut: nickel-plated brass. Body connector: black polyamide.

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
AX = Dritto / Straight RD = 90° Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AS-M12M**08050* lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	G = grafoplast H = connettore schermato shielded connector X = ghiera inox / inox ring nut HX = connettore schermato e ghiera inox shielded connector and inox ring nut

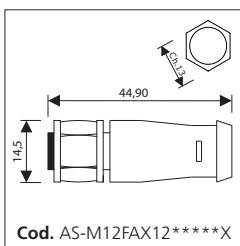
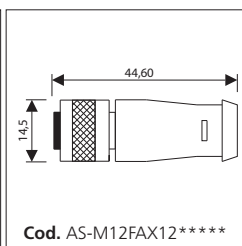
SPECIFICHE TECNICHE

TECNICHE SPECIFICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 2 A
Tensione Nominale	Nominal Voltage 30 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

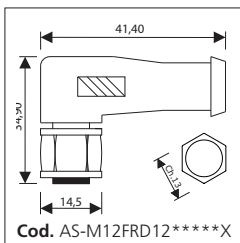
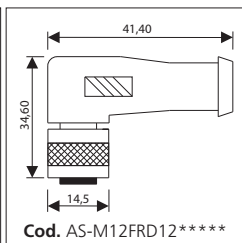
8 CONDUTTORI / 8 WIRE

COD.	"C"	"CUY"	"CUN"	"RUN"	"CS"	"CSUY"	"CSUN"	"RSUN"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO UL/CSA UL/CSA PVC SHIELDED CABLE	CAVO PVC SCHERMATO UL/CSA UL/CSA PVC SHIELDED CABLE	CAVO PVC SCHERMATO UL/CSA UL/CSA PVC SHIELDED CABLE	CAVO PUR UL/CSA SCHERMATO UL/CSA PUR SHIELDED CABLE
Sezioni Sections	8 x 24AWG (8 x 0.22) 80°C - 300 V	8 x 24AWG (8 x 0.25) 80°C - 300 V	8 x 24AWG (8 x 0.25) 80°C - 300 V	8 x 24AWG (8 x 0.25) 80°C - 300 V	8 x 24AWG (8 x 0.25) ST 80°C - 300 V	8 x 24AWG (8 x 0.25) ST 80°C - 300 V	8 x 24AWG (8 x 0.25) ST 80°C - 300 V	8 x 24AWG (8 x 0.25) ST 80°C - 300 V
Diametri Diameter	5.8 +/- 0.2	6.8 +/- 0.2	5.8 +/- 0.2	6.0 +/- 0.2	6.7 +/- 0.2	6.8 +/- 0.2	6.5 +/- 0.1	6.7 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 7 x 0.20	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC FLEX 19 x 0.13	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13
Guscia Esterna Outer Jacket	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey RAL 7035 Flam Test FT1	PVC UL/CSA STYLE 2095 Yellow RAL 1021 DESINA Flam Test FT1	PVC UL/CSA STYLE 2464 Black Flam Test FT1	PUR UL/CSA STYLE 20233 Black Flam Test FT1	PVC UL/CSA Oil Resistant ISO 6722 STYLE 2464 Grey RAL 7035 Flam Test FT1	PVC UL/CSA STYLE 2095 Yellow RAL 1021 DESINA Flam Test FT1	PVC UL/CSA STYLE 2464 Black Flam Test FT1	PUR UL/CSA Oil resistant ISO 6722 STYLE 21441 Black Flam Test FT2
Normative di riferimento Reference standards								
Temperatura di esercizio Working temperature	-25 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-40 / +80°C Static App. -5 / +80°C Dynamic App.	-5 / +80°C Static App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	12 x Ø esterno	7 x Ø esterno	12 x Ø esterno	10 x Ø esterno	12 x Ø esterno	7 x Ø esterno
Schermatura Shield	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di trafilatura Traslation's speed	90 mt / min	90 mt / min	120 mt / min	220 mt / min	---	---	---	200 mt / min
Accelerazione Acceleration	4 mt / seq	4 mt / seq	4 mt / seq	10 mt / seq	---	---	---	5 mt / seq

FEMMINA AX / FEMALE AX



FEMMINA RD / FEMALE RD

TABELLA COLORI
COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD
9	BK
10	VT
11	GYPK
12	RDBU

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero. O-ring di tenuta in Viton (femmina).

MATERIALS

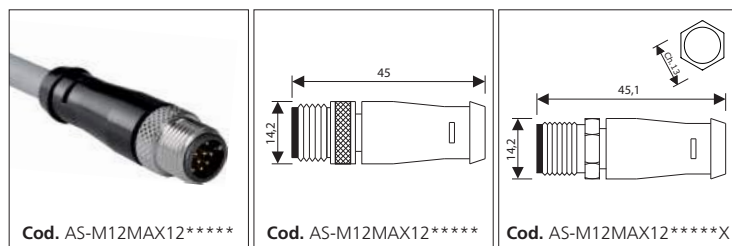
Contact plug holder: self-extinguishing ABS UL94 V0. Contact: phosphorouse bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: Viton (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 1.5 A
Tensione Nominale	Nominal Voltage 30 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance $\leq 5\text{m}\Omega$
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

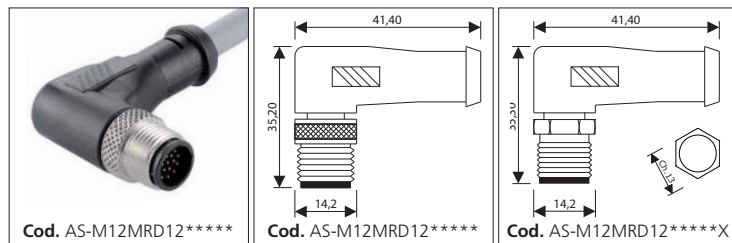
COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AX = Dritto / Straight RD = 90° AS-M12F**12050* lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	G = grafoplast H = connettore schermato shielded connector X = ghiera inox / inox ring nut HX = connettore schermato e ghiera inox shielded connector and inox ring nut

COD.	C	R	CS	RS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR SCHERMATO UL/CSA PUR CABLE	CAVO PVC SCHERMATO UL/CSA UL/CSA PVC SHIELDED CABLE	CAVO PUR SCHERMATO UL/CSA UL/CSA PUR SHIELDED CABLE
Sezioni Sections	12 x avg 24 (12 x 0,25) 80° - 300 V	12 x avg 24 (12 x 0,25) 80° - 300 V	12 x avg 24 ST (12 x 0,25) 80° - 300 V	12 x avg 24 ST (12 x 0,25) 80° - 300 V
Diametri Diameter	6.5 +/- 0.2	7.1 +/- 0.2	6.9 +/- 0.2	7.6 +/- 0.2
Conduttori Conductor	TPO Classe 5 FLEX	TPO Classe 6 FLEX	TPO Classe 5 FLEX	TPO Classe 6 FLEX
Guaina Esterna Outer Jacket	PVC UL/CSA STYLE 21179 Grey DESINA Flam Retardant FT1	PUR UL/CSA STYLE 21576 Grey DESINA Flam Retardant FT2	PVC UL/CSA STYLE 21179 Grey DESINA Flam Retardant FT1	PUR UL/CSA STYLE 21576 Grey DESINA Flam Retardant FT2
Normative di riferimento Reference standards				
Temperatura di esercizio Working temperature	-30 / +80°C Static App. -5 / +80°C Mobile App.	-40 / +80°C Static App. -30 / +80°C Mobile App.	-30 / +80°C Static App. -5 / +80°C Mobile App.	-40 / +80°C Static App. -30 / +80°C Mobile App.
Raggio di curvatura Bending radius	6 x Ø esterno Static App. 15 x Ø esterno Dynamic App.	5 x Ø esterno Static App. 5 x Ø esterno Dynamic App.	6 x Ø esterno Static App. 15 x Ø esterno Dynamic App.	5 x Ø esterno Static App. 7.5 x Ø esterno Dynamic App.
Schermatura Shield	---	---	A treccia - Copertura $\geq 85\%$ Braided coverage $\geq 85\%$	A treccia - Copertura $\geq 85\%$ Braided coverage $\geq 85\%$
Velocità di traslazione Traslation's speed	---	300 mt / min	---	300 mt / min
Accelerazione Acceleration	---	40 mt / secq	---	40 mt / secq

MASCHIO AX / MALE AX



MASCHIO RD / MALE RD



**TABELLA COLORI
COLOURS TABLE**

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD
9	BK
10	VT
11	GYPK
12	RDBU



CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03 (maschio). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero.

MATERIALS

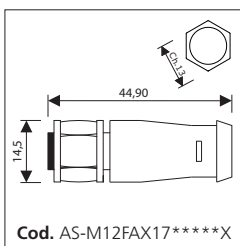
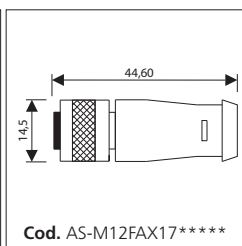
Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Metal ring nut: nickel-plated brass. Body connector: black polyamide.

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 1.5 A
Tensione Nominale	Nominal Voltage 30 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance $\leq 5m\Omega$
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

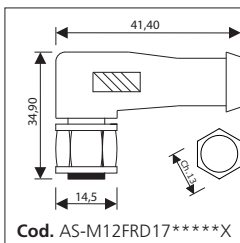
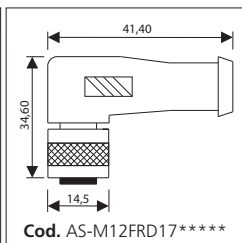
COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AX = Dritto / Straight RD = 90° AS-M12M**12050** lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	G = grafoplast H = connettore schermato shielded connector X = ghiera inox / inox ring nut HX = connettore schermato e ghiera inox shielded connector and inox ring nut

COD.	C	R	CS	RS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR SCHERMATO UL/CSA PUR CABLE	CAVO PVC SCHERMATO UL/CSA UL/CSA PVC SHIELDED CABLE	CAVO PUR SCHERMATO UL/CSA UL/CSA PUR SHIELDED CABLE
Sezioni Sections	12 x avg 24 (12 x 0,25) 80° - 300 V	12 x avg 24 (12 x 0,25) 80° - 300 V	12 x avg 24 ST (12 x 0,25) 80° - 300 V	12 x avg 24 ST (12 x 0,25) 80° - 300 V
Diametri Diameter	6.5 +/- 0.2	7.1 +/- 0.2	6.9 +/- 0.2	7.6 +/- 0.2
Conduttori Conductor	TPO Classe 5 FLEX	TPO Classe 6 FLEX	TPO Classe 5 FLEX	TPO Classe 6 FLEX
Gaina Esterna Outer Jacket	PVC UL/CSA STYLE 21179 Grey DESINA Flam Retardant FT1	PUR UL/CSA STYLE 21576 Grey DESINA Flam Retardant FT2	PVC UL/CSA STYLE 21179 Grey DESINA Flam Retardant FT1	PUR UL/CSA STYLE 21576 Grey DESINA Flam Retardant FT2
Normative di riferimento Reference standards				
Temperatura di esercizio Working temperature	-30 / +80°C Static App. -5 / +80°C Mobile App.	-40 / +80°C Static App. -30 / +80°C Mobile App.	-30 / +80°C Static App. -5 / +80°C Mobile App.	-40 / +80°C Static App. -30 / +80°C Mobile App.
Raggio di curvatura Bending radius	6 x Ø esterno Static App. 15 x Ø esterno Dynamic App.	5 x Ø esterno Static App. 5 x Ø esterno Dynamic App.	6 x Ø esterno Static App. 15 x Ø esterno Dynamic App.	5 x Ø esterno Static App. 7.5 x Ø esterno Dynamic App.
Schermatura Shield	---	---	A treccia - Copertura $\geq 85\%$ Braided coverage $\geq 85\%$	A treccia - Copertura $\geq 85\%$ Braided coverage $\geq 85\%$
Velocità di traslazione Traslation's speed	---	300 mt / min	---	300 mt / min
Accelerazione Acceleration	---	40 mt / secq	---	40 mt / secq

FEMMINA AX / FEMALE AX



FEMMINA RD / FEMALE RD

TABELLA COLORI
COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD
9	BK
10	VT
11	GYPK
12	RDBU
13	WHGN
14	BNGN
15	WHYE
16	YEBN
17	WHGY



CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero. O-ring di tenuta in Viton (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: Viton (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 1.5 A
Tensione Nominale	Nominal Voltage 30 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance $\leq 5\text{m}\Omega$
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

COMPOSIZIONE CODICE
CODE COMPOSITION

Tipologia cavo
(vedi cod. in tabella)
Cable type
(code like table)

AX = Dritto / Straight
RD = 90°

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m

AS-M12F**17050*

CONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS

G = grafoplast

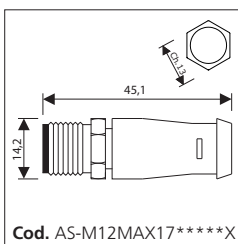
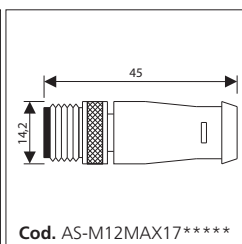
H = connettore schermato
shielded connector

X = ghiera inox / inox ring nut

HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

COD.	C	R	CS	RS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR SCHERMATO UL/CSA PUR CABLE	CAVO PVC SCHERMATO UL/CSA UL/CSA PVC SHIELDED CABLE	CAVO PUR SCHERMATO UL/CSA UL/CSA PUR SHIELDED CABLE
Sezioni Sections	17 x avg 26 (17 x 0.14) 80° - 300 V	17 x avg 26 (17 x 0.14) 80° - 300 V	17 x avg 26 ST (17 x 0.14) 80° - 300 V	17 x avg 26 ST (17 x 0.14) 80° - 300 V
Diametri Diameter	7.3 +/- 0.2	7.1 +/- 0.2	7.9 +/- 0.2	7.6 +/- 0.2
Conduttori Conductor	TPO Classe 5 FLEX	TPO Classe 6 FLEX	TPO Classe 5 FLEX	TPO Classe 6 FLEX
Guaina Esterna Outer Jacket	PVC UL/CSA STYLE 21179 Grey DESINA Flam Retardant FT1	PUR UL/CSA STYLE 21576 Grey DESINA Flam Retardant FT2	PVC UL/CSA STYLE 21179 Grey DESINA Flam Retardant FT1	PUR UL/CSA STYLE 21576 Grey DESINA Flam Retardant FT2
Normative di riferimento Reference standards				
Temperatura di esercizio Working temperature	-30 / +80°C Static App. -5 / +80°C Mobile App.	-40 / +80°C Static App. -30 / +80°C Mobile App.	-30 / +80°C Static App. -5 / +80°C Mobile App.	-40 / +80°C Static App. -30 / +80°C Mobile App.
Raggio di curvatura Bending radius	6 x Ø esterno Static App. 15 x Ø esterno Dynamic App.	5 x Ø esterno Static App. 5 x Ø esterno Dynamic App.	6 x Ø esterno Static App. 15 x Ø esterno Dynamic App.	5 x Ø esterno Static App. 7.5 x Ø esterno Dynamic App.
Schermatura Shield	---	---	A treccia - Copertura $\geq 85\%$ Braided coverage $\geq 85\%$	A treccia - Copertura $\geq 85\%$ Braided coverage $\geq 85\%$
Velocità di traslazione Traslation's speed	---	300 mt / min	---	300 mt / min
Accelerazione Acceleration	---	40 mt / secq	---	40 mt / secq

MASCHIO AX / MALE AX



MASCHIO RD / MALE RD

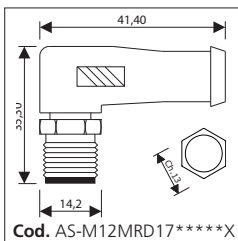
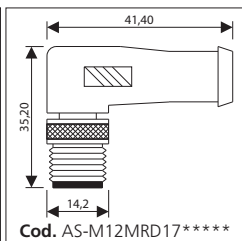


TABELLA COLORI
COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD
9	BK
10	VT
11	GYPK
12	RDBU
13	WHGN
14	BNGN
15	WHYE
16	YEBN
17	WHGY



COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AX = Dritto / Straight RD = 90° lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m AS-M12M**17050*	G = grafoplast H = connettore schermato shielded connector X = ghiera inox / inox ring nut HX = connettore schermato e ghiera inox shielded connector and inox ring nut

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03 (maschio). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero.

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Metal ring nut: nickel-plated brass. Body connector: black polyamide.

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 1.5 A
Tensione Nominale	Nominal Voltage 30 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

COD.	C	R	CS	RS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR SCHERMATO UL/CSA PUR CABLE	CAVO PVC SCHERMATO UL/CSA UL/CSA PVC SHIELDED CABLE	CAVO PUR SCHERMATO UL/CSA UL/CSA PUR SHIELDED CABLE
Sezioni Sections	17 x avg 26 (17 x 0.14) 80° - 300 V	17 x avg 26 (17 x 0.14) 80° - 300 V	17 x avg 26 (17 x 0.14) 80° - 300 V	17 x avg 26 (17 x 0.14) 80° - 300 V
Diametri Diameter	7.3 +/- 0.2	7.1 +/- 0.2	7.9 +/- 0.2	7.6 +/- 0.2
Conduttori Conductor	TPO Classe 5 FLEX	TPO Classe 6 FLEX	TPO Classe 5 FLEX	TPO Classe 6 FLEX
Guaina Esterna Outer Jacket	PVC UL/CSA STYLE 21179 Grey DESINA Flam Retardant FT1	PUR UL/CSA STYLE 21576 Grey DESINA Flam Retardant FT2	PVC UL/CSA STYLE 21179 Grey DESINA Flam Retardant FT1	PUR UL/CSA STYLE 21576 Grey DESINA Flam Retardant FT2
Normative di riferimento Reference standards				
Temperatura di esercizio Working temperature	-30 / +80°C Static App. -5 / +80°C Mobile App.	-40 / +80°C Static App. -30 / +80°C Mobile App.	-30 / +80°C Static App. -5 / +80°C Mobile App.	-40 / +80°C Static App. -30 / +80°C Mobile App.
Raggio di curvatura Bending radius	6 x Ø esterno Static App. 15 x Ø esterno Dynamic App.	5 x Ø esterno Static App. 5 x Ø esterno Dynamic App.	6 x Ø esterno Static App. 15 x Ø esterno Dynamic App.	5 x Ø esterno Static App. 7.5 x Ø esterno Dynamic App.
Schermatura Shield	---	---	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	300 mt / min	---	300 mt / min
Accelerazione Acceleration	---	40 mt / secq	---	40 mt / secq

Prolunghe *Extenders*

Lineari
Lineari



Ad Y



PROLUNGHE M8 - M12 3- POLI

EXTENDERS M8 - M12 3 PINS



CONNETTORI M8 / M8 CONNECTORS

MATERIALI	SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03 (maschio). Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero. O-ring di tenuta in NBR (femmina).	Normativa di riferimento	Reference standards IEC 61076-2-104
MATERIALS	Corrente Nominale	Nominal Currents 3 A
Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: NBR (female).	Tensione Nominale	Nominal Voltage 60 V AC-DC
	Grado di protezione	Protection Class IP67
	Resistività di massa	Resistance $\leq 5\text{m}\Omega$
	Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

CONNETTORI M12 / M12 CONNECTORS

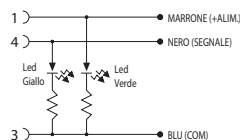
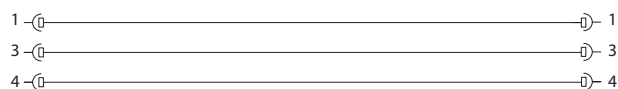
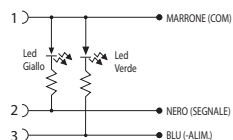
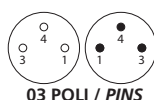
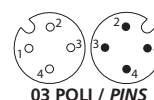
MATERIALI	SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03 (maschio). Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in poliammide nero. O-ring di tenuta in Viton (femmina).	Normativa di riferimento	Reference standards IEC 61076-2-101
MATERIALS	Corrente Nominale	Nominal Currents 4 A
Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: Viton (female).	Tensione Nominale	Nominal Voltage 250 V AC-DC
	Grado di protezione	Protection Class IP67
	Resistività di massa	Resistance $\leq 5\text{m}\Omega$
	Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

3 CONDUTTORI / 3 WIRE

COD.	"C"	"CN"	"R"	"RN"	"CS"	"RS"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) ST 80° - 300 V	3 x 22AWG (3 x 0.35) ST 80° - 300 V
Diametri Diameter	4.7 +/- 0.2	4.5 +/- 0.2	4.5 +/- 0.2	4.5 +/- 0.2	4.8 +/- 0.2	4.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15
Guaina Esterna Outer Jacket	PVC UL/CSA Oil Resistant UL 1581 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil Resistant ISO 6722 STYLE 2464 Black RAL 9005 Flame Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR compound Oil resistant ISO 6722 STYLE 21441 Black Flam Test FT2	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2
Normative di riferimento Reference standards						
Temperatura di esercizio Working temperature	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-5 / +80°C Static App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---	A treccia - Copertura $\geq 80\%$ Braided coverage $\geq 80\%$	A treccia - Copertura $\geq 80\%$ Braided coverage $\geq 80\%$
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	120 mt / min	120 mt / min	---	---
Accelerazione Acceleration	4 mt / secq	4 mt / secq	5 mt / secq	5 mt / secq	---	5 mt / secq

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONSGhiera Inox AISI 304 / *Inox AISI 304 Ring Nut*

min. 50 pcs

XConnettore schermato / *Shielded Connector***H****SCHEMA ELETTRICO / ELECTRICAL LAYOUT****PNP (P)****NPN (N)****A, B:****M8****M12****TABELLA COLORI
COLOURS TABLE**

1	BN
3	BU
4	BK

**COMPOSIZIONE CODICE
CODE COMPOSITION**

Tipologia cavo
(vedi cod. in tabella)
Cable type
(code like table)

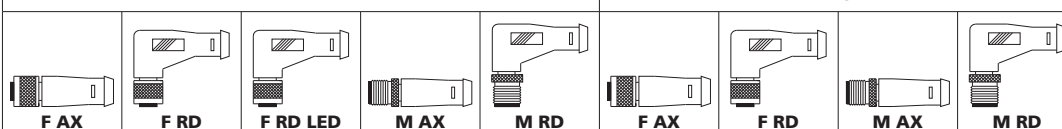
AS-PL0500303//**/****

lunghezza cavo
Cable length
001 = 10 cm
010 = 1 m
100 = 10 m

Cod. (vedi tabella)
Code (like table)

**CONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS****G** = grafoplast

H = connettore schermato
shielded connector
X = ghiera inox / inox ring nut
HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

A 3 POLI / 3 PINS**M12****M8**

		A 3 POLI / 3 PINS									
		M12					M8				
M8	M RD		F AX		F RD		F RD LED		M AX		M RD
		09	17	23N 23P	29	34	38	41	43	44	
	M AX	08	16	22N 22P	28	33	37	40	42		
	F RD	07	15	21N 21P	27	32	36	39			
M12	F AX	06	14	20N 20P	26	31	35				
	M RD	05	13	19N 19P	25	30					
	M AX	04	12	18N 18P	24						
	F RD LED	03N 03P	11N 11P								
	F RD	02	10								
	F AX	01									

PROLUNGHE M8 - M12 4 POLI

EXTENDERS M8 - M12 4 PINS



CONNETTORI M8 / M8 CONNECTORS

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H. O-ring di tenuta in NBR (femmina)

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: NBR (female).

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-104
Corrente Nominale	Nominal Currents	3 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

CONNETTORI M12 / M12 CONNECTORS

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina)

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: Viton (female).

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale	Nominal Voltage	250 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

4 CONDUTTORI / 4 WIRE

COD.	"C"	"CUY"	"CN"	"CUN"	"R"	"RUY"	"RN"	"RUN"	"CS"	"CSUN"	"RS"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO SHIELDED PUR CABLE
Sezioni Sections	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 22AWG (4 x 0.34) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x avg 22 (4 x 0.34) 80° - 300 V	4 x 24AWG (4 x 0.25) ST 80° - 300 V	4 x 22AWG (4 x 0.34) ST 80° - 300 V	4 x 24AWG (4 x 0.25) ST 80° - 300 V
Diametri Diameter	4.6 +/- 0.2	4.8 +/- 0.2	4.6 +/- 0.2	4.8 +/- 0.2	4.6 +/- 0.2	4.0 +/- 0.2	4.7 +/- 0.2	4.9 +/- 0.2	4.9 +/- 0.2	5.4 +/- 0.2	4.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.13
Guaina Esterna Outer Jacket	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Yellow Ral 1021 DESINA Flam Test	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR UL/CSA Oil resistant ISO 6722 STYLE 2464 Black Flam Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR UL/CSA STYLE 20549 Yellow RAL 1021 DESINA Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 21441 Black - RAL9005 Flam Test FT2	PUR UL/CSA Oil resistant ISO 6722 STYLE 21441 Black Ral 9005 Flam Test FT2	PVC CEI 2022 - II Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 20549 Grey Ral 7035 Flam Test FT1
Normative di riferimento Reference standards											
Temperatura di esercizio Working temperature	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App.	-15 / +80°C Static App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	12 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	90 mt / min	120 mt / min	150 mt / min	---	150 mt / min	200 mt / min	---	---	40 mt / min
Accelerazione Acceleration	4 mt / seq	4 mt / seq	5 mt / seq	4 mt / seq	4 mt / seq	---	4 mt / seq	30 mt / seq	---	---	10 mt / seq

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut

min. 50 pcs

X

Connettore schermato / Shielded Connector

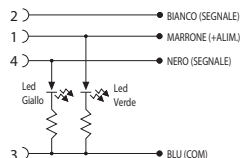
H

Connettore cod. D / Connector D code

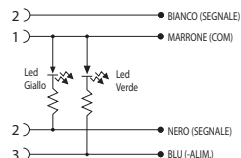
**D**

SCHEMA ELETTRICO / ELECTRICAL LAYOUT

PNP (P)



NPN (N)



COMPOSIZIONE CODICE CODE COMPOSITION

Tipologia cavo
(vedi cod. in tabella)
Cable type
(code like table)

AS-PL0500404/***

lunghezza cavo
Cable length
001 = 10 cm
010 = 1 m
100 = 10 m

Cod. (vedi tabella)
Code (like tab)

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

D = Connector Cod. D

G = grafoplast

H = connettore schermato

shielded connector

X = ghiera inox / inox ring nut

HX = connettore schermato

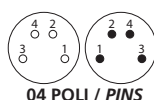
e ghiera inox

shielded connector

and inox ring nut

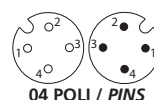
A, B:

M8



04 POLI / PINS

M12



04 POLI / PINS

TABELLA COLORI COLOURS TABLE

1	BN
2	WH
3	BU
4	BK

A 4 POLI / 4 PINS

		M12					M8			
		F AX	F RD	F RD LED	M AX	M RD	F AX	F RD	M AX	M RD
M8	M RD	09	17	23N 23P	29	34	38	41	43	44
	M AX	08	16	22N 22P	28	33	37	40	42	
	F RD	07	15	21N 21P	27	32	36	39		
	F AX	06	14	20N 20P	26	31	35			
M12	M RD	05	13	19N 19P	25	30				
	M AX	04	12	18N 18P	24					
	F RD LED	03N 03P	11N 11P							
	F RD	02	10							
	F AX	01								

PROLUNGHE M8 - M12 3-4 POLI

EXTENDERS M8 - M12 3-4 PINS



CONNETTORI M8 / M8 CONNECTORS

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H. O-ring di tenuta in NBR (femmina)

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: NBR (female).

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-104
Corrente Nominale	Nominal Currents	3 A
Tensione Nominale 3 Poli	Nominal Voltage 3 Pins	60 V AC-DC
Tensione Nominale 4 Poli	Nominal Voltage 4 Pins	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

CONNETTORI M12 / M12 CONNECTORS

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: Viton (female).

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale	Nominal Voltage	250 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

3 CONDUTTORI / 3 WIRE

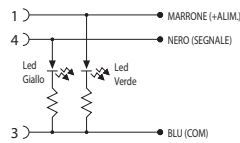
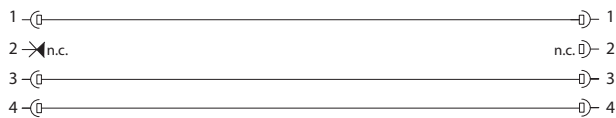
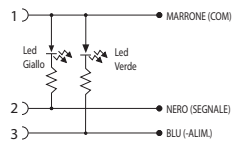
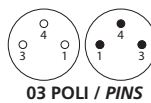
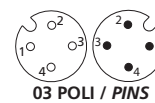
COD.	"C"	"CN"	"R"	"RN"	"CS"	"RS"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) ST 80° - 300 V	3 x 22AWG (3 x 0.35) ST 80° - 300 V
Diametri Diameter	4.7 +/- 0.2	4.5 +/- 0.2	4.5 +/- 0.2	4.5 +/- 0.2	4.8 +/- 0.2	4.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15
Guaina Esterna Outer Jacket	PVC UL/CSA Oil Resistant UL 1581 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil Resistant ISO 6722 STYLE 2464 Black RAL 9005 Flame Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR compound Oil resistant ISO 6722 STYLE 21441 Black Flam Test FT2	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2
Normative di riferimento Reference standards						
Temperatura di esercizio Working temperature	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-5 / +80°C Static App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	120 mt / min	120 mt / min	---	---
Accelerazione Acceleration	4 mt / secq	4 mt / secq	5 mt / secq	5 mt / secq	---	5 mt / secq

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / *Inox AISI 304 Ring Nut*

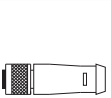
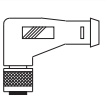
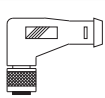
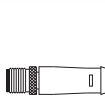
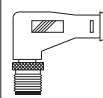
min. 50 pcs

X

Connettore schermato / *Shielded Connector*
H
SCHEMA ELETTRICO / ELECTRICAL LAYOUT
PNP (P)

NPN (N)

A, B:
M8

M12

**TABELLA COLORI
COLOURS TABLE**

1	BN
3	BU
4	BK

A 4 POLI / 4 PINS
M12

				
F AX	F RD	F RD LED	M AX	M RD
09	17	23N 23P	29	34
08	16	22N 22P	28	33
07	15	21N 21P	27	32
06	14	20N 20P	26	31

B 3 POLI / 3 PINS	M8	F AX	F RD	M AX	M RD
-------------------	----	------	------	------	------

PROLUNGHE M12 5 POLI

EXTENDERS M12 5 PINS



A, B:
M12

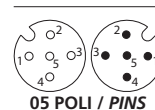


TABELLA COLORI COLOURS TABLE

1	BN
2	WH
3	BU
4	BK
5	GY

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / *Inox AISI 304 Ring Nut* min. 50 pcs **X**

Connettore schermato / *Shielded Connector* **H**

Connettore cod. B / *Connector B code*



B

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AS-PL0500505/*** lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m Cod. (vedi tabella) Code (like tab)	B = Connector Cod. B G = grafoplast H = connettore schermato shielded connector X = ghiera inox / <i>inox ring nut</i> HX = connettore schermato e ghiera inox shielded connector and <i>inox ring nut</i>

A M12 5 POLI / 5 PINS

	F AX	F RD	M AX	M RD
M RD	05	13	25	30
M AX	04	12	24	
F RD	02	10		
F AX	01			

B M12 5 POLI / 5 PINS

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: Viton (female).

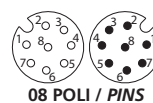
SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale	Nominal Voltage	60 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

5 CONDUTTORI / 5 WIRE

COD.	"C"	"CUY"	"CN"	"R"	"RN"	"RUN"	"CS"	"CSUY"	"CSUN"	"RSUN"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PUR SCHERMATO SHIELDED PUR CABLE
Sezioni Sections	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 22AWG (5 x 0.34) 80°C - 300 V	5 x 24AWG (5 x 0.25) ST 80°C - 300 V	5 x 24AWG (5 x 0.25) ST 80°C - 300 V	5 x 24AWG (5 x 0.25) ST 80°C - 300 V	5 x 22AWG (5 x 0.34) ST 80°C - 300 V
Diametri Diameter	5 +/- 0.2	4.8 +/- 0.2	4.7 +/- 0.2	5 +/- 0.2	5 +/- 0.2	4.9 +/- 0.2	5.6 +/- 0.2	5.1 +/- 0.2	5.6 +/- 0.2	6.3 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 42 x 0.10
Guaina Esterna Outer Jacket	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 20167 STYLE 2464 Yellow RAL 1021 DESINA Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR UL/CSA Oil resistant UL 1581 STYLE 20549 Black Flam Test FT1	PUR UL/CSA Oil resistant UL 1581 STYLE 20549 Black Flam Test FT1	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Yellow Ral 1021 DESINA Flam Test FT1	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Black Flam Test FT1	PUR UL/CSA Oil resistant UL 1581 STYLE 20549 Halogen Free - Black Flam Test FT1
Normative di riferimento Reference standards	UL	UL	UL	UL	UL	UL	UL	UL	UL	UL
Temperatura di esercizio Working temperature	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App. -5 / +80°C Dynamic App.	-40 / +80°C Static App. -5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App.	-5 / +80°C Static App.	-40 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	12 x Ø esterno	12 x Ø esterno	7 x Ø esterno
Schermatura Shield	---	---	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Translation's speed	90 mt / min	90 mt / min	90 mt / min	90 mt / min	150 mt / min	200 mt / min	90 mt / min	---	---	220 mt / min
Accelerazione Acceleration	4 mt / secq	4 mt / secq	4 mt / secq	5 mt / secq	4 mt / secq	30 mt / secq	4 mt / secq	---	---	10 mt / secq


A, B:
M12

08 POLI / PINS
TABELLA COLORI
COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m Cod. (vedi tabella) Code (like tab) AS-PL0500808/***	G = grafoplast H = connettore schermato shielded connector X = ghiera inox / inox ring nut HX = connettore schermato e ghiera inox shielded connector and inox ring nut ***/*

A M12 8 POLI / 8 PINS

	F AX	F RD	M AX	M RD
B M12 8 POLI / 8 PINS				
M RD	05	13	25	30
M AX	04	12	24	
F RD	02	10		
F AX	01			

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03. Ghiera di tenuta meccanica in Ottone Nichelato. Corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03. Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: Viton (female).

SPECIFICHE TECNICHE
TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	2 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

8 CONDUTTORI / 8 WIRE

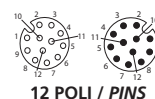
COD.	"C"	"CUY"	"CUN"	"RUN"	"CS"	"CSUY"	"CSUN"	"RSUN"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO UL/CSA UL/CSA PVC SHIELDED CABLE	CAVO PVC SCHERMATO UL/CSA UL/CSA PVC SHIELDED CABLE	CAVO PVC SCHERMATO UL/CSA UL/CSA PVC SHIELDED CABLE	CAVO PUR UL/CSA SCHERMATO UL/CSA PUR SHIELDED CABLE
Sezioni Sections	8 x 24AWG (8 x 0.22) 80°C - 300 V	8 x 24AWG (8 x 0.25) 80°C - 300 V	8 x 24AWG (8 x 0.25) 80°C - 300 V	8 x 24AWG (8 x 0.25) 80°C - 300 V	8 x 24AWG (8 x 0.25) ST 80°C - 300 V	8 x 24AWG (8 x 0.25) ST 80°C - 300 V	8 x 24AWG (8 x 0.25) ST 80°C - 300 V	8 x 24AWG (8 x 0.25) ST 80°C - 300 V
Diametri Diameter	5.8 +/- 0.2	6.8 +/- 0.2	5.8 +/- 0.2	6.0 +/- 0.2	6.7 +/- 0.2	6.8 +/- 0.2	6.5 +/- 0.1	6.7 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 7 x 0.20	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC FLEX 19 x 0.13	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13
Guaina Esterna Outer Jacket	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey RAL 7035 Flam Test FT1	PVC UL/CSA STYLE 2095 Yellow RAL 1021 DESINA Flam Test FT1	PVC UL/CSA STYLE 2464 Black Flam Test FT1	PUR UL/CSA STYLE 20233 Black Flam Test FT1	PVC UL/CSA Oil Resistant ISO 6722 STYLE 2464 Grey RAL 7035 Flam Test FT1	PVC UL/CSA STYLE 2095 Yellow RAL 1021 DESINA Flam Test FT1	PVC UL/CSA STYLE 2464 Black Flam Test FT1	PUR UL/CSA Oil resistant ISO 6722 STYLE 21441 Black Flam Test FT2
Normative di riferimento Reference standards								
Temperatura di esercizio Working temperature	-25 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-40 / +80°C Static App. -5 / +80°C Dynamic App.	-5 / +80°C Static App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	12 x Ø esterno	7 x Ø esterno	12 x Ø esterno	10 x Ø esterno	12 x Ø esterno	7 x Ø esterno
Schermatura Shield	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	120 mt / min	220 mt / min	---	---	---	200 mt / min
Accelerazione Acceleration	4 mt / seqq	4 mt / seqq	4 mt / seqq	10 mt / seqq	---	---	---	5 mt / seqq

PROLUNGHE M12 12 POLI EXTENDERS M12 12 PINS

ROHS
compliant



A, B:
M12



12 POLI / PINS

TABELLA COLORI

COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD
9	BK
10	VT
11	GYPK
12	RDBU

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AS-PL0501212/*** lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m Cod. (vedi tabella) Code (like table)	G = grafoplast H = connettore schermato shielded connector X = ghiera inox / inox ring nut HX = connettore schermato e ghiera inox shielded connector and inox ring nut

A M12 12 POLI / 12 PINS

	F AX	F RD	M AX	M RD
B M12 12 POLI / 12 PINS				
M RD	05	13	25	30
M AX	04	12	24	
F RD	02	10		
F AX	01			

MATERIALI

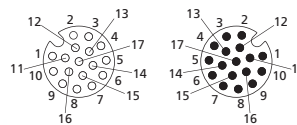
Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03. Ghiera di tenuta meccanica in Ottone Nichelato. Corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03. Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: Viton (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 1.5 A
Tensione Nominale	Nominal Voltage 30 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

COD.	C	R	CS	RS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR SCHERMATO UL/CSA PUR SHIELDED CABLE	CAVO PVC SCHERMATO UL/CSA UL/CSA PVC SHIELDED CABLE	CAVO PUR SCHERMATO UL/CSA UL/CSA PUR SHIELDED CABLE
Sezioni Sections	12 x avg 24 (12 x 0,25) 80° - 300 V	12 x avg 24 (12 x 0,25) 80° - 300 V	12 x avg 24 ST (12 x 0,25) 80° - 300 V	12 x avg 24 ST (12 x 0,25) 80° - 300 V
Diametri Diameter	6.5 +/- 0.2	7.1 +/- 0.2	6.9 +/- 0.2	7.6 +/- 0.2
Conduttori Conductor	TPO Classe 5 FLEX	TPO Classe 6 FLEX	TPO Classe 5 FLEX	TPO Classe 6 FLEX
Guaina Esterna Outer Jacket	PVC UL/CSA STYLE 21179 Grey DESINA Flam Retardant FT1	PUR UL/CSA STYLE 21576 Grey DESINA Flam Retardant FT2	PVC UL/CSA STYLE 21179 Grey DESINA Flam Retardant FT1	PUR UL/CSA STYLE 21576 Grey DESINA Flam Retardant FT2
Normative di riferimento Reference standards				
Temperatura di esercizio Working temperature	-30 / +80°C Static App. -5 / +80°C Mobile App.	-40 / +80°C Static App. -30 / +80°C Mobile App.	-30 / +80°C Static App. -5 / +80°C Mobile App.	-40 / +80°C Static App. -30 / +80°C Mobile App.
Raggio di curvatura Bending radius	6 x Ø esterno Static App. 15 x Ø esterno Dynamic App.	5 x Ø esterno Static App. 5 x Ø esterno Dynamic App.	6 x Ø esterno Static App. 15 x Ø esterno Dynamic App.	5 x Ø esterno Static App. 7.5 x Ø esterno Dynamic App.
Schermatura Shield	---	---	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	300 mt / min	---	300 mt / min
Accelerazione Acceleration	---	40 mt / secq	---	40 mt / secq


TABELLA COLORI
COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD
9	BK
10	VT
11	GYPK
12	RDBU
13	WHGN
14	BNGN
15	WHYE
16	YEBN
17	WHGY

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / *Inox AISI 304 Ring Nut* min. 50 pcs **X**

Connettore schermato / *Shielded Connector* **H**

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AS-PL0501717/*** lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m Cod. (vedi tabella) Code (like tab)	G = grafoplast H = connettore schermato shielded connector X = ghiera inox / <i>inox ring nut</i> HX = connettore schermato e ghiera inox shielded connector and <i>inox ring nut</i>

A M12 17 POLI / 17 PINS

	F AX	F RD	M AX	M RD
M RD	05	13	25	30
M AX	04	12	24	
F RD	02	10		
F AX	01			

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03. Ghiera di tenuta meccanica in Ottone Nichelato. Corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03. Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: Viton (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 1.5 A
Tensione Nominale	Nominal Voltage 30 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance $\leq 5\text{m}\Omega$
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

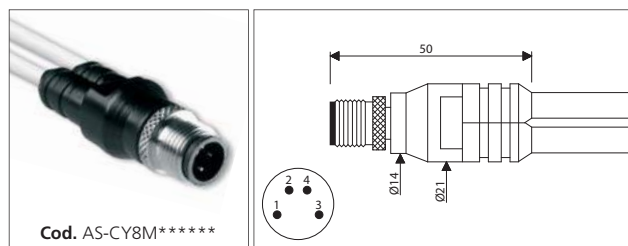
COD.	C	R	CS	RS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR SCHERMATO UL/CSA PUR SHIELDED CABLE	CAVO PVC SCHERMATO UL/CSA UL/CSA PVC SHIELDED CABLE	CAVO PUR SCHERMATO UL/CSA UL/CSA PUR SHIELDED CABLE
Sezioni Sections	17 x avg 26 (12 x 0.14) 80° - 300 V	17 x avg 26 (12 x 0.14) 80° - 300 V	17 x avg 26 ST (12 x 0.14) 80° - 300 V	17 x avg 26 ST (12 x 0.14) 80° - 300 V
Diametri Diameter	7.3 +/- 0.2	7.1 +/- 0.2	7.9 +/- 0.2	7.6 +/- 0.2
Conduttori Conductor	TPO Classe 5 FLEX	TPO Classe 6 FLEX	TPO Classe 5 FLEX	TPO Classe 6 FLEX
Guaina Esterna Outer Jacket	PVC UL/CSA STYLE 21179 Grey DESINA Flam Retardant FT1	PUR UL/CSA STYLE 21576 Grey DESINA Flam Retardant FT2	PVC UL/CSA STYLE 21179 Grey DESINA Flam Retardant FT1	PUR UL/CSA STYLE 21576 Grey DESINA Flam Retardant FT2
Normative di riferimento Reference standards				
Temperatura di esercizio Working temperature	-30 / +80°C Static App. -5 / +80°C Mobile App.	-40 / +80°C Static App. -30 / +80°C Mobile App.	-30 / +80°C Static App. -5 / +80°C Mobile App.	-40 / +80°C Static App. -30 / +80°C Mobile App.
Raggio di curvatura Bending radius	6 x Ø esterno Static App. 15 x Ø esterno Dynamic App.	5 x Ø esterno Static App. 5 x Ø esterno Dynamic App.	6 x Ø esterno Static App. 15 x Ø esterno Dynamic App.	5 x Ø esterno Static App. 7.5 x Ø esterno Dynamic App.
Schermatura Shield	---	---	A treccia - Copertura $\geq 85\%$ Braided coverage $\geq 85\%$	A treccia - Copertura $\geq 85\%$ Braided coverage $\geq 85\%$
Velocità di traslazione Traslation's speed	---	300 mt / min	---	300 mt / min
Accelerazione Acceleration	---	40 mt / secq	---	40 mt / secq

PROLUNGHE A Y M8 SERIALE

SERIAL M8 Y EXTENSIONS



MASCHIO / MALE



FEMMINA / FEMALE

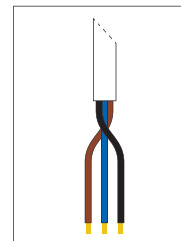
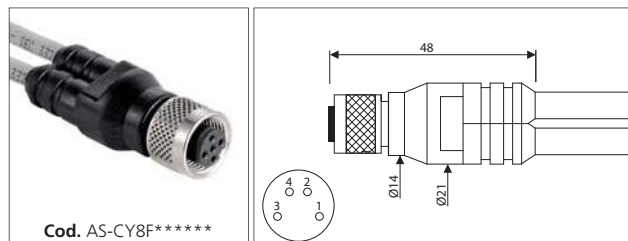


TABELLA COLORI
COLOURS TABLE

1	BN
3	BU
4	BK

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03. Ghiera di tenuta meccanica in Ottone Nichelato. Corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina).

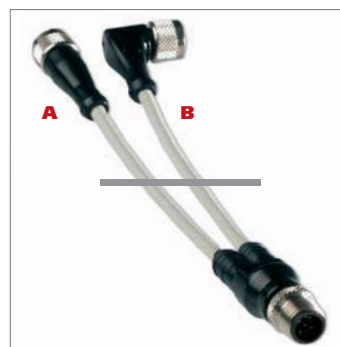
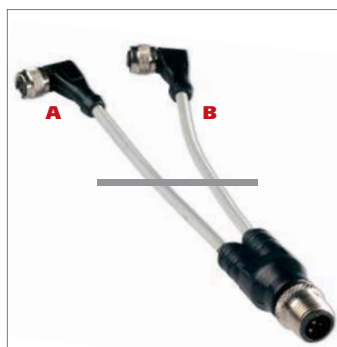
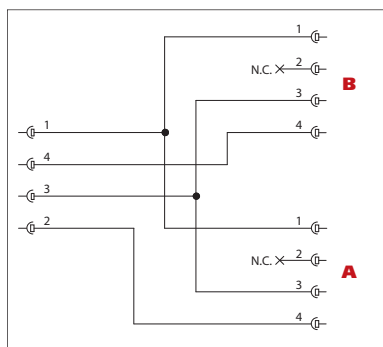
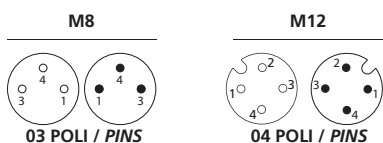
MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: Viton (female).

3 CONDUTTORI / 3 WIRE

COD.	"C"	"CN"	"R"	"RN"	"CS"	"RS"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) ST 80° - 300 V	3 x 22AWG (3 x 0.35) ST 80° - 300 V
Diametri Diameter	4.7 +/- 0.2	4.5 +/- 0.2	4.5 +/- 0.2	4.5 +/- 0.2	4.8 +/- 0.2	4.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15
Guaina Esterna Outer Jacket	PVC UL/CSA Oil Resistant UL 1581 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil Resistant ISO 6722 STYLE 2464 Black RAL 9005 Flame Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR compound Oil resistant ISO 6722 STYLE 21441 Black Flam Test FT2	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2
Normative di riferimento Reference standards						
Temperatura di esercizio Working temperature	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-5 / +80°C Static App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	120 mt / min	120 mt / min	---	---
Accelerazione Acceleration	4 mt / seq	4 mt / seq	5 mt / seq	5 mt / seq	---	5 mt / seq

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AS-CY8 * 050 / * * * lunghezza cavo (vedi tabella) Cable length 001 = 10 cm 010 = 1 m 100 = 10 m Cod. (vedi tabella) Code (like tab)	H = connettore schermato shielded connector X = ghiera inox / inox ring nut HX = connettore schermato e ghiera inox shielded connector and inox ring nut


A, B:

A connessione SERIALE / SERIAL connection

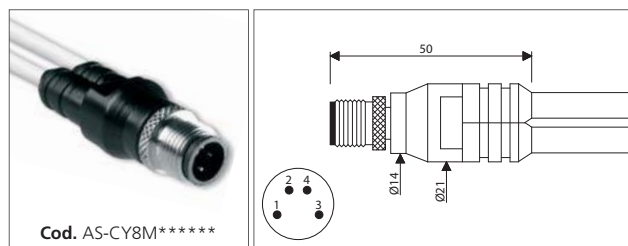
		M12				M8				FREE
		M AX	M RD	F AX	F RD	M AX	M RD	F AX	F RD	FREE
B connessione SERIALE / SERIAL connection	FREE	39	47	02	03	56	60	04	05	01
	M8	38	46	09	12	55	59	14	15	
		37	45	08	11	54	58	13		
		36	44	49	51	53	57			
		35	43	48	50	52				
		34	42	07	10					
		33	41	06						
	M12	32	40							
		31								

PROLUNGHE A Y M8 PARALLELO

PARALLEL M8 Y EXTENSIONS



MASCHIO / MALE



FEMMINA / FEMALE

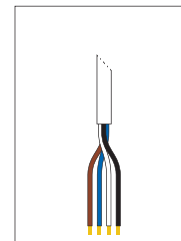
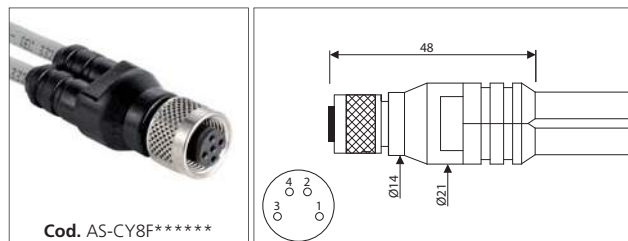


TABELLA COLORI COLOURS TABLE

1	BN
2	WH
3	BU
4	BK

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI

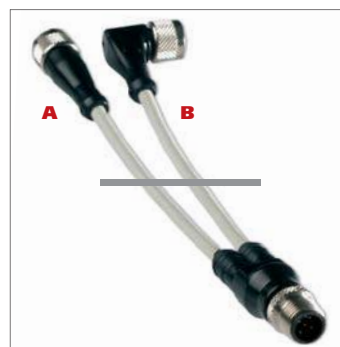
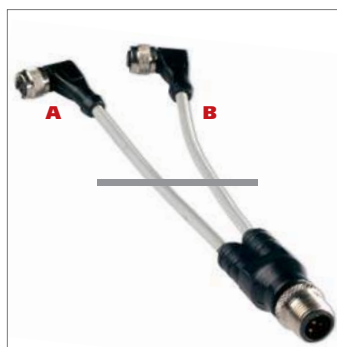
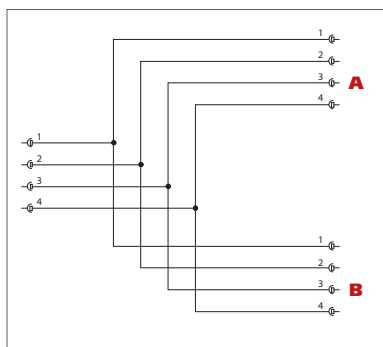
Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: Viton (female).

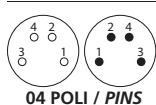
4 CONDUTTORI / 4 WIRE

COD.	"C"	"CUY"	"CN"	"CUN"	"R"	"RUY"	"RN"	"RUN"	"CS"	"CSUN"	"RS"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PUR SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO SHIELDED PUR CABLE
Sezioni Sections	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.34) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x avg 22 (4 x 0.34) 80° - 300 V	4 x 24AWG (4 x 0.25) ST 80° - 300 V	4 x 24AWG (4 x 0.34) ST 80° - 300 V	4 x 24AWG (4 x 0.25) ST 80° - 300 V
Diametri Diameter	4.6 +/- 0.2	4.8 +/- 0.2	4.6 +/- 0.2	4.8 +/- 0.2	4.6 +/- 0.2	4.0 +/- 0.2	4.7 +/- 0.2	4.9 +/- 0.2	4.9 +/- 0.2	5.4 +/- 0.2	4.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.13
Guaia Esterna Outer Jacket	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Yellow RAL 1021 DESINA Flam Test	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR UL/CSA Oil resistant ISO 6722 STYLE 2464 Black Flam Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR UL/CSA STYLE 20549 Yellow RAL 1021 DESINA Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 21441 Black - RAL9005 Flam Test FT2	PUR UL/CSA Oil resistant ISO 6722 STYLE 21441 Black RAL 9005 Flam Test FT2	PVC CEI 2022 - II Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 20549 Grey Ral 7035 Flam Test FT1
Normative di riferimento Reference standards											
Temperatura di esercizio Working temperature	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App.	-15 / +80°C Static App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	12 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	90 mt / min	120 mt / min	150 mt / min	---	150 mt / min	200 mt / min	---	---	40 mt / min
Accelerazione Acceleration	4 mt / secq	4 mt / secq	5 mt / secq	4 mt / secq	4 mt / secq	---	4 mt / secq	30 mt / secq	---	---	10 mt / secq

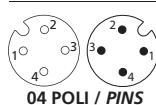


A, B:

M8



M12



A connessione PARALLELO / DOUBLE connection

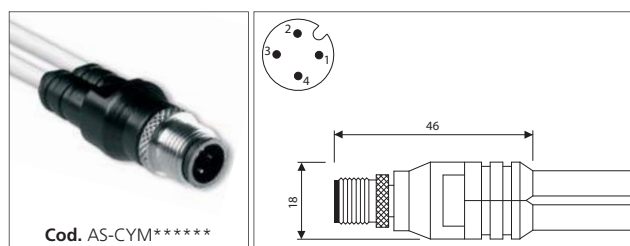
		M12				M8				FREE
		M AX	M RD	F AX	F RD	M AX	M RD	F AX	F RD	FREE
B connessione PARALLELO / DOUBLE connection	FREE	82	74	17	18	65	61	19	20	16
	M8	83	75	24	27	66	62	29	30	
		84	76	23	26	67	63	28		
		85	77	72	70	68	64			
		86	78	73	71	69				
		87	79	22	25					
		88	80	21						
	M12	89	81							
		90								

PROLUNGHE A Y M12 SERIALE

SERIAL M12 Y EXTENSIONS



MASCHIO / MALE



FEMMINA / FEMALE

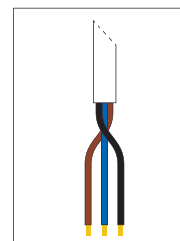
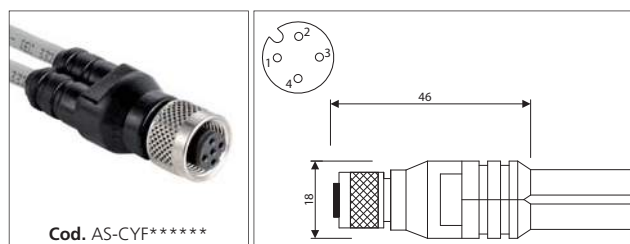


TABELLA COLORI
COLOURS TABLE

1	BN
3	BU
4	BK

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina).

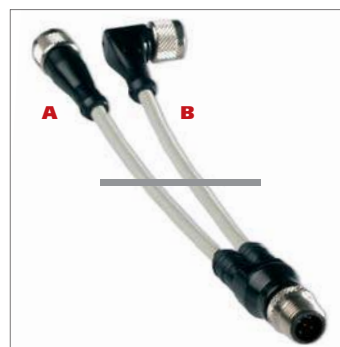
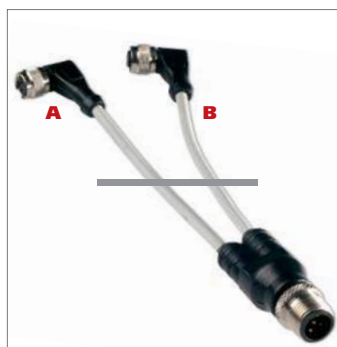
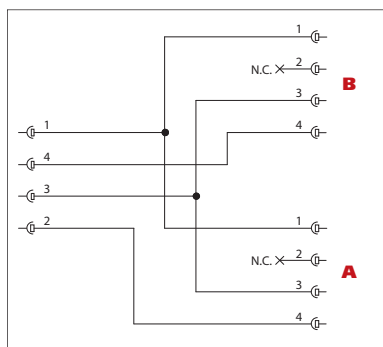
MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: Viton (female).

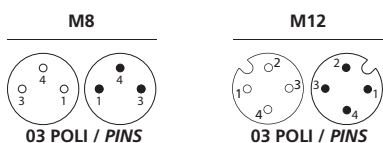
3 CONDUTTORI / 3 WIRE

COD.	"C"	"CN"	"R"	"RN"	"CS"	"RS"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) ST 80° - 300 V	3 x 22AWG (3 x 0.35) ST 80° - 300 V
Diametri Diameter	4.7 +/- 0.2	4.5 +/- 0.2	4.5 +/- 0.2	4.5 +/- 0.2	4.8 +/- 0.2	4.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15
Guaina Esterna Outer Jacket	PVC UL/CSA Oil Resistant UL 1581 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil Resistant ISO 6722 STYLE 2464 Black RAL 9005 Flame Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR compound Oil resistant ISO 6722 STYLE 21441 Black Flam Test FT2	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2
Normative di riferimento Reference standards						
Temperatura di esercizio Working temperature	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-5 / +80°C Static App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	120 mt / min	120 mt / min	---	---
Accelerazione Acceleration	4 mt / secq	4 mt / secq	5 mt / secq	5 mt / secq	---	5 mt / secq

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
F = femmina / female M = maschio / male Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AS-CY* lunghezza cavo Cable length 001 = 10cm 010 = 1 m 100 = 10 m Cod. (vedi tabella) Code (like tab)	*** H = connettore schermato shielded connector X = ghiera inox / inox ring nut HX = connettore schermato e ghiera inox shielded connector and inox ring nut



A, B:



A connessione SERIALE / SERIAL connection

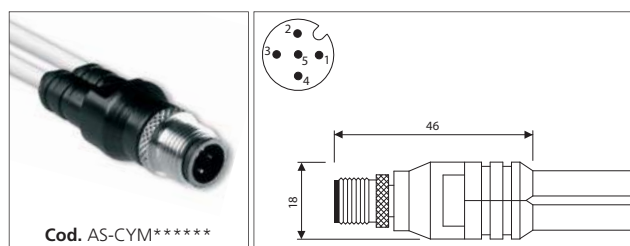
		M12				M8				FREE
		M AX	M RD	F AX	F RD	M AX	M RD	F AX	F RD	FREE
B connessione SERIALE / SERIAL connection	FREE	39	47	02	03	56	60	04	05	01
	M8	38	46	09	12	55	59	14	15	
		37	45	08	11	54	58	13		
		36	44	49	51	53	57			
		35	43	48	50	52				
		34	42	07	10					
		33	41	06						
	M12	32	40							
		31								

PROLUNGHE A Y M12 PARALLELO

DOUBLE M12 Y EXTENSIONS

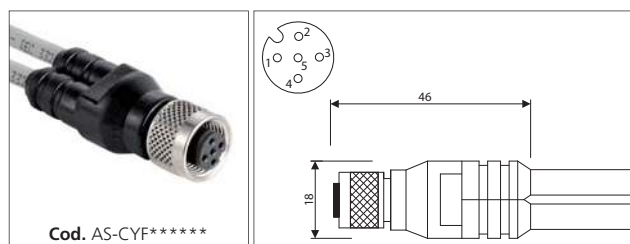


MASCHIO / MALE



Cod. AS-CYM*****

FEMMINA / FEMALE



Cod. AS-CYF*****

Uscita connettore M8

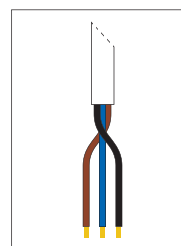


TABELLA COLORI
COLOURS TABLE

1	BN
3	BU
4	BK

Uscita connettore M12

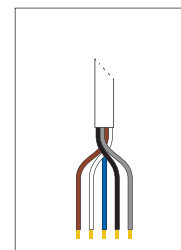


TABELLA COLORI
COLOURS TABLE

1	BN
2	WH
3	BU
4	BK
5	GY

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI

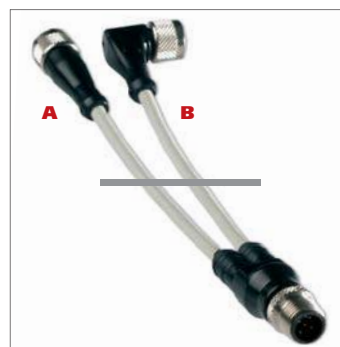
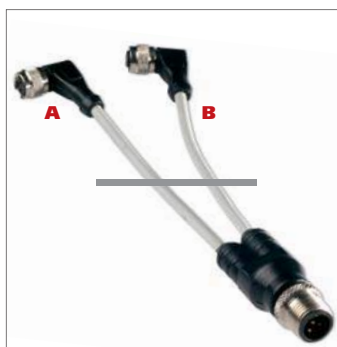
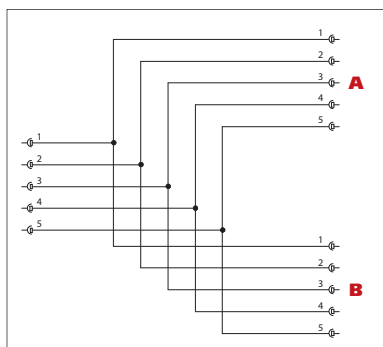
Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: Viton (female).

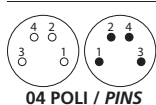
COD.	C	CUY	CN	R	RN	RUN	CS	CSUN
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE
Sezioni Sections	4 x 24AWG (4 x 0.25) 5 x 24AWG (5 x 0.25)	4 x 24AWG (4 x 0.25) 5 x 24AWG (5 x 0.25)	4 x 24AWG (4 x 0.25) 5 x 24AWG (5 x 0.25)	4 x 24AWG (4 x 0.25) 5 x 24AWG (5 x 0.25)	4 x 24AWG (4 x 0.25) 5 x 24AWG (5 x 0.25)	4 x 24AWG (4 x 0.25) 5 x 24AWG (5 x 0.25)	4 x 24AWG (4 x 0.25) ST 5 x 24AWG (5 x 0.25) ST	4 x 22AWG (4 x 0.34) ST 5 x 24AWG (5 x 0.25) ST
Diametri Diameter	4.6 +/- 0.15 5 +/- 0.15	4.8 +/- 0.2 4.8 +/- 0.15	4.6 +/- 0.2 4.7 +/- 0.15	4.6 +/- 0.15 5 +/- 0.15	4.7 +/- 0.15 5 +/- 0.15	4.9 +/- 0.2 4.9 +/- 0.2	4.9 +/- 0.15 5.6 +/- 0.15	5.4 +/- 0.1 5.4 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC 105° classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10
Guaina Esterna Outer Jacket	PVC UL/CSA Oil resistant UL 1581 STYLE 20167 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 20167 Yellow RAL 1021 DESINA Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 20549 Black Flam Test FT1	PUR compound Oil resistant UL 1581 STYLE 20167 Grey Ral 7035 Flam Test FT1	PUR compound Oil resistant UL 1581 STYLE 20549 Black Flam Test	PUR UL/CSA Oil resistant UL 1581 STYLE 20549 Hologen Free - Black Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 20167 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1
Normative di riferimento Reference standards								
Temperatura di esercizio Working temperature	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App. -5 / +80°C Dynamic App.	-40 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	12 x Ø esterno
Schermatura Shield	---	---	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	90 mt / min	90 mt / min	150 mt / min	200 mt / min	90 mt / min	---
Accelerazione Acceleration	4 mt / secq	4 mt / secq	4 mt / secq	4 mt / secq	4 mt / secq	30 mt / secq	4 mt / secq	---

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
F = femmina / female M = maschio / male AS-CY*050/** Lunghezza cavo Cable length 001 = 10 cm 010 = 1 m 100 = 10 m Cod. (vedi tabella) Code (like tab)	Tipologia cavo (vedi cod. in tabella) Cable type (code like table) H = connettore schermato shielded connector X = ghiera inox / inox ring nut HX = connettore schermato e ghiera inox shielded connector and inox ring nut

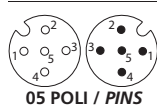


A, B:

M8



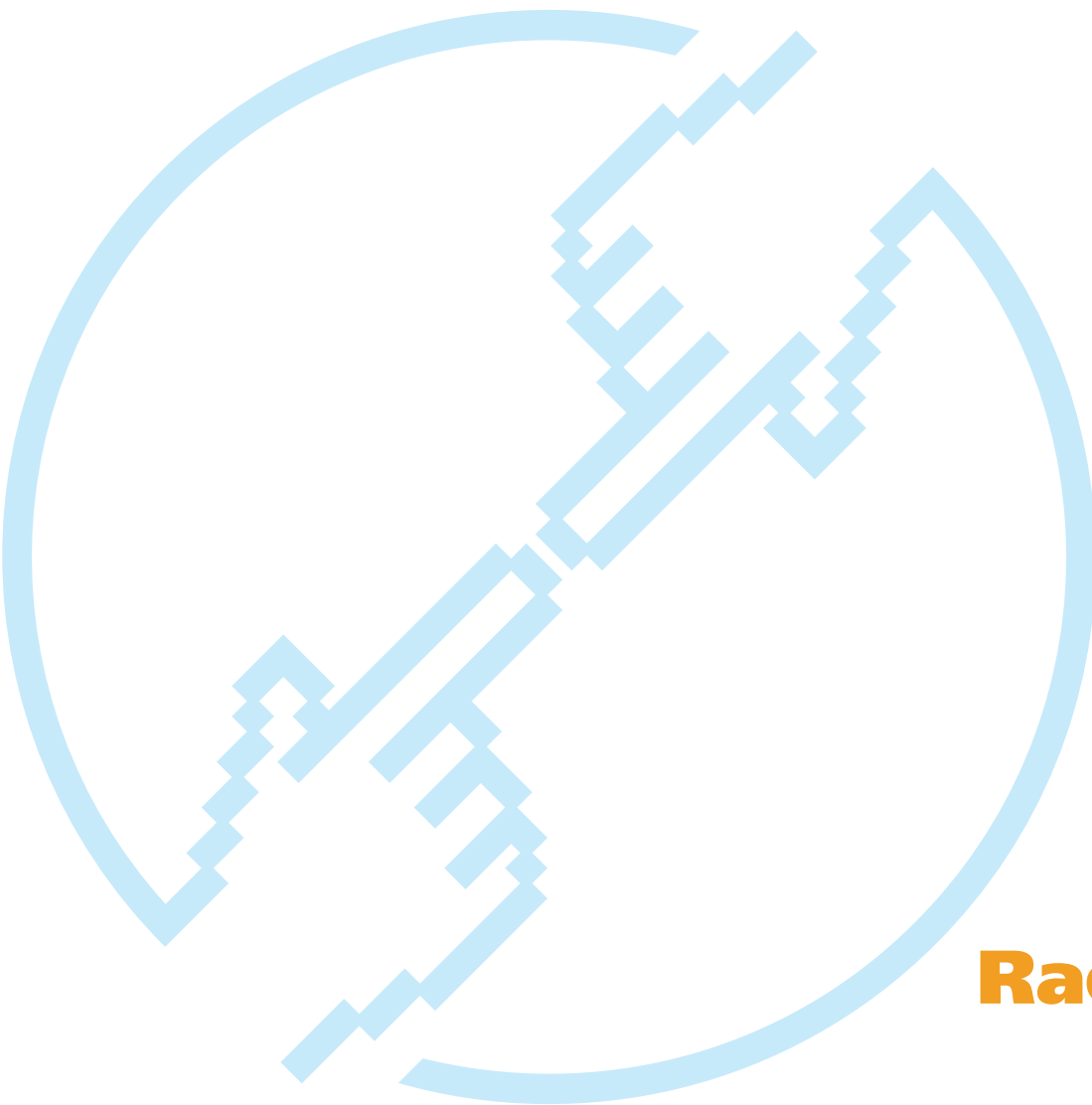
M12



A connessione PARALLELO / DOUBLE connection

		M12				M8				FREE
		M AX	M RD	F AX	F RD	M AX	M RD	F AX	F RD	FREE
B connessione PARALLELO / DOUBLE connection	FREE	82	74	17	18	65	61	19	20	16
	M8	83	75	24	27	66	62	29	30	
		84	76	23	26	67	63	28		
		85	77	72	70	68	64			
		86	78	73	71	69				
		87	79	22	25					
		88	80	21						
	M12	89	81							
		90								





Raccordi *Fittings*

A T



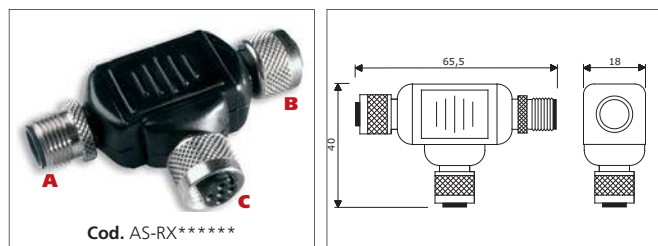
Ad Y



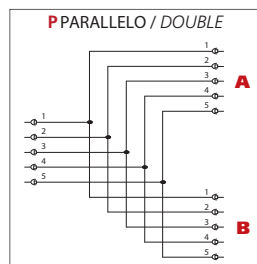
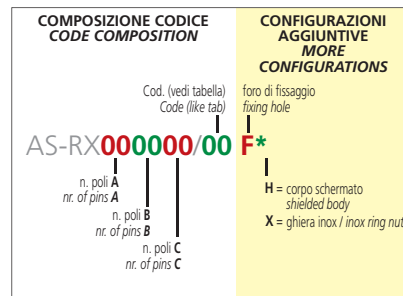
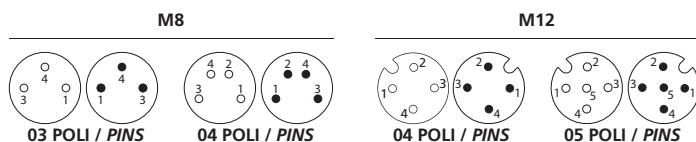
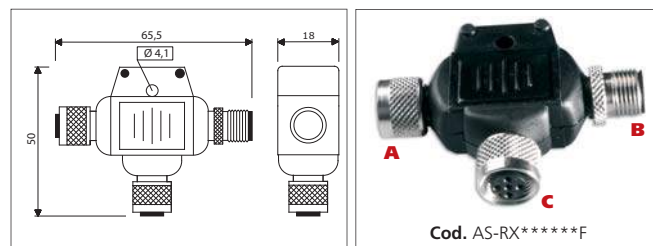
Adattatori
Adapters



STANDARD / STANDARD



CON FORO DI FISSAGGIO / WITH FIXING HOLE



CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Foro di fissaggio / Fixing hole	F
Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	X
Corpo schermato / Shielded Body	H

TIPOLOGIA CONNESSIONI			COD
A	B	C	
M12 - Fem	M12 - Fem	M12 - Fem	01
M12 - Fem	M12 - Ma	M12 - Fem	02
M12 - Fem	M8 - Fem	M12 - Fem	03
M12 - Fem	M8 - Ma	M12 - Fem	04
M12 - Ma	M12 - Ma	M12 - Fem	05
M12 - Ma	M8 - Fem	M12 - Fem	06
M12 - Ma	M8 - Ma	M12 - Fem	07
M8 - Fem	M8 - Fem	M12 - Fem	08
M8 - Fem	M8 - Ma	M12 - Fem	09
M8 - Ma	M8 - Ma	M12 - Fem	10
M12 - Fem	M12 - Fem	M12 - Ma	11
M12 - Fem	M12 - Ma	M12 - Ma	12
M12 - Fem	M8 - Fem	M12 - Ma	13
M12 - Fem	M8 - Ma	M12 - Ma	14
M12 - Ma	M12 - Ma	M12 - Ma	15
M12 - Ma	M8 - Fem	M12 - Ma	16
M12 - Ma	M8 - Ma	M12 - Ma	17
M8 - Fem	M8 - Fem	M12 - Ma	18
M8 - Fem	M8 - Ma	M12 - Ma	19
M8 - Ma	M8 - Ma	M12 - Ma	20

TIPOLOGIA CONNESSIONI			COD
A	B	C	
M12 - Fem	M12 - Fem	M8 - Fem	21
M12 - Fem	M12 - Ma	M8 - Fem	22
M12 - Fem	M8 - Fem	M8 - Fem	23
M12 - Fem	M8 - Ma	M8 - Fem	24
M12 - Ma	M12 - Ma	M8 - Fem	25
M12 - Ma	M8 - Fem	M8 - Fem	26
M12 - Ma	M8 - Ma	M8 - Fem	27
M8 - Fem	M8 - Fem	M8 - Fem	28
M8 - Fem	M8 - Ma	M8 - Fem	29
M8 - Ma	M8 - Ma	M8 - Fem	30
M12 - Fem	M12 - Fem	M8 - Ma	31
M12 - Fem	M12 - Ma	M8 - Ma	32
M12 - Fem	M8 - Fem	M8 - Ma	33
M12 - Fem	M8 - Ma	M8 - Ma	34
M12 - Ma	M12 - Ma	M8 - Ma	35
M12 - Ma	M8 - Fem	M8 - Ma	36
M12 - Ma	M8 - Ma	M8 - Ma	37
M8 - Fem	M8 - Fem	M8 - Ma	38
M8 - Fem	M8 - Ma	M8 - Ma	39
M8 - Ma	M8 - Ma	M8 - Ma	40

CONNETTORI M8 / M8 CONNECTORS

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03 (maschio). Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. O-ring di tenuta in NBR (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Contact: phosphorouse bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector black polyamide. O-ring: NBR (female).

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-104
Corrente Nominale	Nominal Currents	3 A
Tensione Nominale 3 POLI	Nominal Voltage 3 PINS	60 V AC-DC
Tensione Nominale 4 POLI	Nominal Voltage 4 PINS	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio	Working Temperature	-20/+80°C

CONNETTORI M12 / M12 CONNECTORS

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03 (maschio). Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. O-ring di tenuta in NBR (femmina).

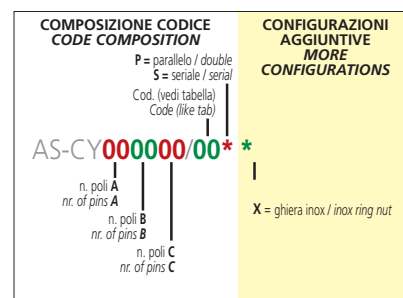
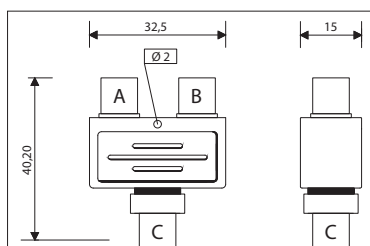
MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Contact: phosphorouse bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: NBR (female).

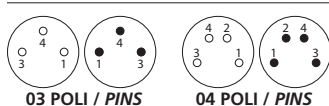
SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

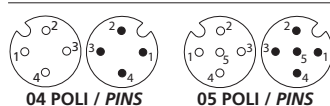
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale 3, 4, 5 POLI	Nominal Currents 3, 4, 5 PINS	4 A
Tensione Nominale 3, 4 POLI	Nominal Voltage 3, 4 PINS	250 V AC-DC
Tensione Nominale 5 POLI	Nominal Voltage 5 PINS	60 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio	Working Temperature	-20/+80°C



M8



M12

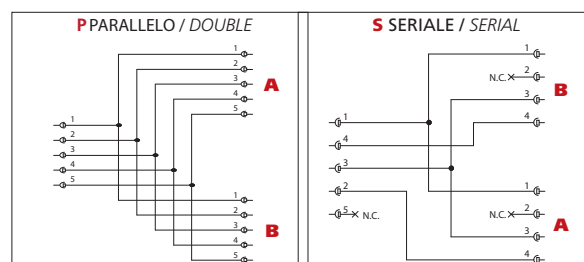


CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut

min. 50 pcs

X



TIPOLOGIA CONNESSIONI			COD
A	B	C	
M12 - Fem	M12 - Fem	M12 - Fem	01
M12 - Fem	M12 - Ma	M12 - Fem	02
M12 - Fem	M8 - Fem	M12 - Fem	03
M12 - Fem	M8 - Ma	M12 - Fem	04
M12 - Ma	M12 - Ma	M12 - Fem	05
M12 - Ma	M8 - Fem	M12 - Fem	06
M12 - Ma	M8 - Ma	M12 - Fem	07
M8 - Fem	M8 - Fem	M12 - Fem	08
M8 - Fem	M8 - Ma	M12 - Fem	09
M8 - Ma	M8 - Ma	M12 - Fem	10
M12 - Fem	M12 - Fem	M12 - Ma	11
M12 - Fem	M12 - Ma	M12 - Ma	12
M12 - Fem	M8 - Fem	M12 - Ma	13
M12 - Fem	M8 - Ma	M12 - Ma	14
M12 - Ma	M12 - Ma	M12 - Ma	15
M12 - Ma	M8 - Fem	M12 - Ma	16
M12 - Ma	M8 - Ma	M12 - Ma	17
M8 - Fem	M8 - Fem	M12 - Ma	18
M8 - Fem	M8 - Ma	M12 - Ma	19
M8 - Ma	M8 - Ma	M12 - Ma	20

TIPOLOGIA CONNESSIONI			COD
A	B	C	
M12 - Fem	M12 - Fem	M8 - Fem	21
M12 - Fem	M12 - Ma	M8 - Fem	22
M12 - Fem	M8 - Fem	M8 - Fem	23
M12 - Fem	M8 - Ma	M8 - Fem	24
M12 - Ma	M12 - Ma	M8 - Fem	25
M12 - Ma	M8 - Fem	M8 - Fem	26
M12 - Ma	M8 - Ma	M8 - Fem	27
M8 - Fem	M8 - Fem	M8 - Fem	28
M8 - Fem	M8 - Ma	M8 - Fem	29
M8 - Ma	M8 - Ma	M8 - Fem	30
M12 - Fem	M12 - Fem	M8 - Ma	31
M12 - Fem	M12 - Ma	M8 - Ma	32
M12 - Fem	M8 - Fem	M8 - Ma	33
M12 - Fem	M8 - Ma	M8 - Ma	34
M12 - Ma	M12 - Ma	M8 - Ma	35
M12 - Ma	M8 - Fem	M8 - Ma	36
M12 - Ma	M8 - Ma	M8 - Ma	37
M8 - Fem	M8 - Fem	M8 - Ma	38
M8 - Fem	M8 - Ma	M8 - Ma	39
M8 - Ma	M8 - Ma	M8 - Ma	40

CONNETTORI M8 / M8 CONNECTORS

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03 (maschio). Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. O-ring di tenuta in NBR (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: NBR (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Normativa di riferimento	Reference standards	IEC 61076-2-104
Corrente Nominale	Nominal Currents	3 A
Tensione Nominale 3 POLI	Nominal Voltage 3 PINS	60 V AC-DC
Tensione Nominale 4 POLI	Nominal Voltage 4 PINS	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

CONNETTORI M12 / M12 CONNECTORS

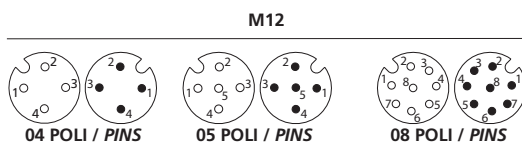
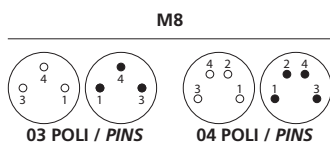
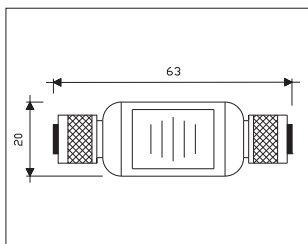
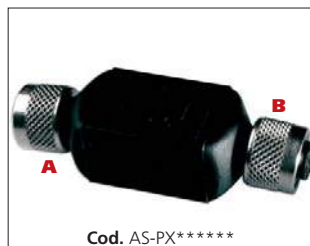
MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03 (maschio). Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. O-ring di tenuta in NBR (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: NBR (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale 3, 4, 5 POLI	Nominal Currents 3, 4, 5 PINS	4 A
Tensione Nominale 3, 4 POLI	Nominal Voltage 3, 4 PINS	250 V AC-DC
Tensione Nominale 5 POLI	Nominal Voltage 5 PINS	60 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install



COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Cod. (vedi tabella) Code (like tab) AS-PX0000/00** n. poli A nr. of pins A n. poli B nr. of pins B	H = corpo schermato shielded body X = ghiera inox / inox ring nut

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Corpo schermato / Shielded Body		H

TIPOLOGIA CONNESSIONI		COD
A	B	
M12 - Fem	M12 - Fem	01
M12 - Fem	M12 - Ma	02
M12 - Fem	M8 - Fem	03
M12 - Fem	M8 - Ma	04
M12 - Ma	M12 - Ma	05
M12 - Ma	M8 - Fem	06
M12 - Ma	M8 - Ma	07
M8 - Fem	M8 - Fem	08
M8 - Fem	M8 - Ma	09
M8 - Ma	M8 - Ma	10

CONNETTORI M8 / M8 CONNECTORS

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03 (maschio). Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. O-ring di tenuta in NBR (femmina).

MATERIALS

Contact plug in self-extinguishing ABS UL94 V0. Turned contact with gold plating AU03 (male) or phosphorous bronze contact with gold flash (female). Metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H. O-ring in NBR (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Normativa di riferimento	Reference standards	IEC 61076-2-104
Corrente Nominale	Nominal Currents	3 A
Tensione Nominale 3 POLI	Nominal Voltage 3 PINS	60 V AC-DC
Tensione Nominale 4 POLI	Nominal Voltage 4 PINS	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

CONNETTORI M12 / M12 CONNECTORS

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03 (maschio). Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. O-ring di tenuta in NBR (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: NBR (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale 3, 4, 5 POLI	Nominal Currents 3, 4, 5 PINS	4 A
Corrente Nominale 8 POLI	Nominal Currents 8 PINS	2 A
Tensione Nominale 3, 4 POLI	Nominal Voltage 3, 4 PINS	250 V AC-DC
Tensione Nominale 5 POLI	Nominal Voltage 5 PINS	60 V AC-DC
Tensione Nominale 8 POLI	Nominal Voltage 8 PINS	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

Connettori da incasso e per C.S. *Flush type connectors and for PCB*

M8



M12



**C.S.
PCB**

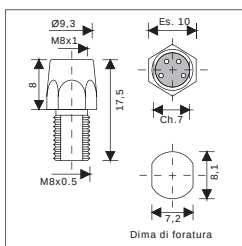


CONNETTORI M8 da incasso 3-4 POLI

M8 flush type CONNECTORS 3-4 PINS



FEMMINA montaggio frontale cavi unipolari / FEMALE front mounting single wire



Cod. AS-M8F**/361*

SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION

Lunghezza Std	Std Length	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	0.35 mmq
Ø Esterno	Ø External	1.90 +/- 0.1
Temperatura	Temperature	+5/+70°C

COMPOSIZIONE CODICE CODE COMPOSITION

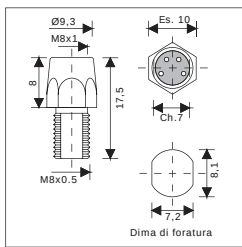
AS-M8F00/361

n. poli
nr. of pins

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

X = ghiera inox / inox ring nut

FEMMINA montaggio frontale con cavo / FEMALE front mounting with cable



Cod. AS-M8F*****/363**

COMPOSIZIONE CODICE CODE COMPOSITION

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

AS-M8F00050*/363

n. poli
nr. of pins

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

H = connettore schermato
shielded connector
X = ghiera inox / inox ring nut
HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

COD.	C	CN	CUN	R	RN	RUN	CS	RS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	3 x 24AWG (3 x 0.35) 4 x 24AWG (4 x 0.25)	3 x 22AWG (3 x 0.35) 4 x 24AWG (4 x 0.25)	4 x 22AWG (4 x 0.35)	3 x 22AWG (3 x 0.35) 4 x 24AWG (4 x 0.25)	3 x 22AWG (3 x 0.35) 4 x 24AWG (4 x 0.25)	4 x 24AWG (4 x 0.25)	3 x 22AWG (3 x 0.35) ST 4 x 24AWG (4 x 0.25) ST	3 x 22AWG (3 x 0.35) ST 4 x 24AWG (4 x 0.25) ST
Diametri Diameter	4.7 +/- 0.2 4.6 +/- 0.2	4.5 +/- 0.2 4.8 +/- 0.2	4.8 +/- 0.2	4.5 +/- 0.2 4.6 +/- 0.2	4.7 +/- 0.2 4.6 +/- 0.2	4.8 +/- 0.2	4.8 +/- 0.2 4.9 +/- 0.2	4.8 +/- 0.2 4.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.15
Guaina Esterna Outer Jacket	PVC UL/CSA Oil Resistant UL 1581 STYLE 2464 Grey Ral 7035 Flame Test FT1	PVC UL/CSA Oil Resistant UL 1581 STYLE 2464 Black Flame Test FT1	PVC UL/CSA Oil Resistant ISO 6722 STYLE 2464 Black Flame Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flame Test FT2	PUR compound Oil resistant ISO 6722 STYLE 20549 Black Flame Test FT1	PUR UL/CSA Oil resistant ISO 6722 STYLE 21441 Black Flame Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 20167 Grey Ral 7035 Flame Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flame Test FT1
Normative di riferimento Reference standards								
Temperatura di esercizio Working temperature	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App. -5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di trafilatura Traslation's speed	90 mt / min	90 mt / min	120 mt / min	150 mt / min	150 mt / min	200 mt / min	---	40 mt / min
Accelerazione Acceleration	4 mt / seq	4 mt / seq	4 mt / seq	4 mt / seq	4 mt / seq	30 mt / seq	---	4 mt / seq

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 100 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto tornito in ottone dorato AU03 (maschio). Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. O-ring di tenuta in NBR (femmina).

MATERIALS

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorous bronze contact with gold flash (female), metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H. O-ring in NBR (female).



TABELLA COLORI COLOURS TABLE

1	BN
3	BU
4	BK



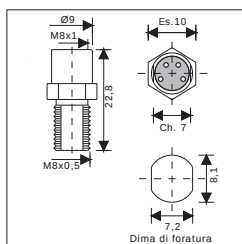
TABELLA COLORI COLOURS TABLE

1	BN
2	BU
3	WH
4	BK

SPECIFICHE TECNICHE

Normativa di riferimento	Reference standards	IEC 61076-2-104
Corrente Nominale	Nominal Currents	3 A
Tensione Nominale 3 POLI	Nominal Voltage 3 PINS	60 V AC-DC
Tensione Nominale 4 POLI	Nominal Voltage 4 PINS	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

FEMMINA montaggio frontale cavi unipolari / **FEMALE** front mounting single wire

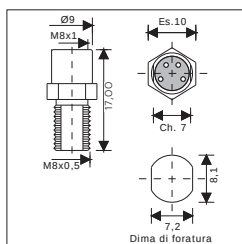


Cod. AS-M8F**/511*

SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION		
Lunghezza Std	Std Length	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	0.35 mmq
Ø Esterno	Ø External	1.90 +/ - 0.1
Temperatura	Temperature	+5/+70°C

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
AS-M8F00/511 ↓ n. poli nr. of pins	★ ↓ X = ghiera inox / inox ring nut

FEMMINA montaggio frontale con cavo / **FEMALE** front mounting with cable



Cod. AS-M8F***/513****

COMPOSIZIONE CODICE <i>CODE COMPOSITION</i>	CONFIGURAZIONI AGGIUNTIVE <i>MORE CONFIGURATIONS</i>
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AS-M8F 00050* /513 n. poli nr. of pins lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	** H = connettore schermato shielded connector X = ghiera inox / inox ring nut HX = connettore schermato e ghiera inox shielded connector and inox ring nut.

COD.	C	CN	CUN	R	RN	RUN	CS	RS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	3 x 24AWG (3 x 0.35) 4 x 24AWG (4 x 0.25)	3 x 22AWG (3 x 0.35) 4 x 24AWG (4 x 0.25)	4 x 22AWG (4 x 0.35)	3 x 22AWG (3 x 0.35) 4 x 24AWG (4 x 0.25)	3 x 22AWG (3 x 0.35) 4 x 24AWG (4 x 0.25)	4 x 24AWG (4 x 0.25)	3 x 22AWG (3 x 0.35) ST 4 x 24AWG (4 x 0.25) ST	3 x 22AWG (3 x 0.35) ST 4 x 24AWG (4 x 0.25) ST
Diametri Diameter	4.7 +/- 0.2 4.6 +/- 0.2	4.5 +/- 0.2 4.8 +/- 0.2	4.8 +/- 0.2	4.5 +/- 0.2 4.6 +/- 0.2	4.7 +/- 0.2 4.6 +/- 0.2	4.8 +/- 0.2	4.8 +/- 0.2 4.9 +/- 0.2	4.8 +/- 0.2 4.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.15
Guaina Esterna Outer Jacket	PVC UL/CSA Oil Resistant UL 1581 STYLE 2464 Grey Ral 7035 Flame Test FT1	PVC UL/CSA Oil Resistant UL 1581 STYLE 2464 Black Flame Test FT1	PVC UL/CSA Oil Resistant ISO 6722 STYLE 2464 Black Flame Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flame Test FT2	PUR compound Oil resistant ISO 6722 STYLE 20549 Black Flame Test FT1	PUR UL/CSA Oil resistant ISO 6722 STYLE 21441 Black Flame Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 20167 Grey Ral 7035 Flame Test FT1	PUR Compound Oil resistant UL 1581 STYLE 21441 Grey Ral 7035 Flame Test FT1
Normative di riferimento Reference standards								
Temperatura di esercizio Working temperature	-15 / +80°C Static App. +5/ +80°C Dynamic App.	-15 / +80°C Static App. +5/ +80°C Dynamic App.	-5 / +80°C Static App. +5/ +80°C Dynamic App.	-15 / +80°C Static App. -5/ +80°C Dynamic App.	-15 / +80°C Static App. -5/ +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App.	-15 / +80°C Static App. -5/ +80°C Dynamic App
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	120 mt / min	150 mt / min	150 mt / min	200 mt / min	---	40 mt / min
Accelerazione Acceleration	4 mt / seqq	4 mt / seqq	4 mt / seqq	4 mt / seqq	4 mt / seqq	30 mt / seqq	---	4 mt / seqq

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / <i>Inox AISI 304 Ring Nut</i>	min. 100 pcs	X
Connettore schermato / <i>Shielded Connector</i>		H

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto stampato in bronzo fosforoso e doratura gold flash, ghiera di tenuta meccanica in Ottone Nichelato, o-ring di tenuta in NBR.

MATERIALS

Contact plug in self-extinguishing ABS UL94, phosphorouse bronze contact with gold flash, metal ring nut in nickel-plated brass, o-ring in NBR.



TABELLA COLORI
COLOURS TABLE

1		BN
3		BU
4		BK

TABELLA COLORI
COLOURS TABLE

1		BN
2		BU
3		WH

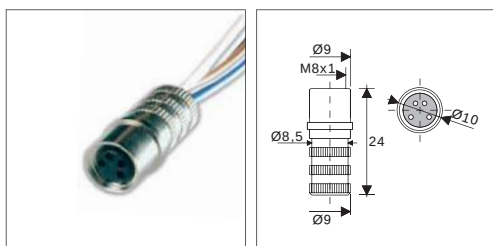
SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Normativa di riferimento	Reference standards	IEC 61076-2-104
Corrente Nominale	Nominal Currents	3 A
Tensione Nominale 3 POLI	Nominal Voltage 3 PINS	60 V AC-DC
Tensione Nominale 4 POLI	Nominal Voltage 4 PINS	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

CONNETTORI M8 da incasso 3-4 POLI

ROHS
compliant

M8 flush type CONNECTORS 3-4 PINS

FEMMINA montaggio frontale a pressione - cavi unipolari / FEMALE front mounting push - single wire



Cod. AS-M8F**/531*

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
AS-M8F00/531 n. poli nr. of pins	* X = ghiera inox / inox ring nut



TABELLA COLORI
COLOURS TABLE

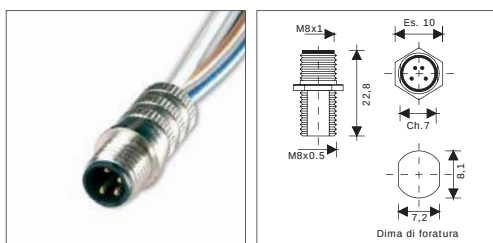
1	BN
3	BU
4	BK



TABELLA COLORI
COLOURS TABLE

1	BN
2	WH
3	BU
4	BK

MASCHIO montaggio frontale a pressione - cavi unipolari / MALE front mounting push - single wire



Cod. AS-M8M**/521*

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
AS-M8M00/521 n. poli nr. of pins	* X = ghiera inox / inox ring nut



TABELLA COLORI
COLOURS TABLE

1	BN
3	BU
4	BK



TABELLA COLORI
COLOURS TABLE

1	BN
2	WH
3	BU
4	BK

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 100 pcs X

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto stampato in bronzo fosforoso e doratura gold flash (femmina) o contatto tornito in ottone dorato AU03 (maschio), ghiera di tenuta meccanica in Ottone Nichelato, o-ring di tenuta in NBR (solo versione femmina).

MATERIALS

Contact plug in self-extinguishing ABS UL94, phosphorouse bronze contact with gold flash (female) or turned contact with gold plating AU03 (male), metal ring nut in nickel-plated brass, o-ring in NBR (only for female connector).

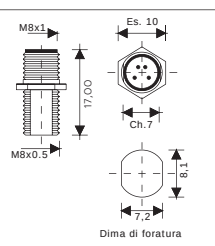
SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION

Lunghezza Std	Std Length	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	0.35 mmq
Ø Esterno	Ø External	1.90 +/- 0.1
Temperatura	Temperature	+5/+70°C

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-104
Corrente Nominale	Nominal Currents	3 A
Tensione Nominale 3 POLI	Nominal Voltage 3 PINS	60 V AC-DC
Tensione Nominale 4 POLI	Nominal Voltage 4 PINS	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

MASCHIO montaggio frontale cavi unipolari / **MALE** front mounting single wire

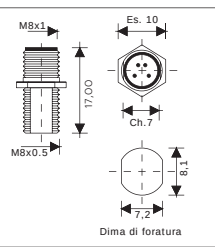
Cod. AS-M8M**/491*

SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION

Lunghezza Std	Std Length	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	0.35 mmq
Ø Esterno	Ø External	1.90 +/- 0.1
Temperatura	Temperature	+5/+70°C

**COMPOSIZIONE CODICE
CODE COMPOSITION**

AS-M8M00/491

n. poli
nr. of pins**CONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS***
X = ghiera inox / inox ring nut**MASCHIO** montaggio frontale con cavo / **MALE** front mounting with cable

Cod. AS-M8M*****/493**

**COMPOSIZIONE CODICE
CODE COMPOSITION**Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

AS-M8M00050*/493

n. poli
nr. of pinslunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m**CONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS****
H = connettore schermato
shielded connector
X = ghiera inox / inox ring nut
HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

COD.	C	CN	CUN	R	RN	RUN	CS	RS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	3 x 24AWG (3 x 0.35) 4 x 24AWG (4 x 0.25)	3 x 22AWG (3 x 0.35) 4 x 24AWG (4 x 0.25)	4 x 22AWG (4 x 0.35)	3 x 22AWG (3 x 0.35) 4 x 24AWG (4 x 0.25)	3 x 22AWG (3 x 0.35) 4 x 24AWG (4 x 0.25)	4 x 24AWG (4 x 0.25)	3 x 22AWG (3 x 0.35) ST 4 x 24AWG (4 x 0.25) ST	3 x 22AWG (3 x 0.35) ST 4 x 24AWG (4 x 0.25) ST
Diametri Diameter	4.7 +/- 0.2 4.6 +/- 0.2	4.5 +/- 0.2 4.8 +/- 0.2	4.8 +/- 0.2	4.5 +/- 0.2 4.6 +/- 0.2	4.7 +/- 0.2 4.6 +/- 0.2	4.8 +/- 0.2	4.8 +/- 0.2 4.9 +/- 0.2	4.8 +/- 0.2 4.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 42 x 0.10
Guaina Esterna Outer Jacket	PVC UL/CSA Oil Resistant UL 1581 STYLE 2464 Grey Ral 7035 Flame Test FT1	PVC UL/CSA Oil Resistant UL 1581 STYLE 2464 Black Flame Test FT1	PVC UL/CSA Oil Resistant ISO 6722 STYLE 2464 Black Flame Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flame Test FT2	PUR compound Oil resistant ISO 6722 STYLE 20549 Black Flame Test FT1	PUR UL/CSA Oil resistant UL 1581 STYLE 21441 Black Flame Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 20167 Grey Ral 7035 Flame Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flame Test FT1
Normative di riferimento Reference standards								
Temperatura di esercizio Working temperature	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App. -5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App.	-15 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	120 mt / min	150 mt / min	150 mt / min	200 mt / min	---	40 mt / min
Accelerazione Acceleration	4 mt / seqq	4 mt / seqq	4 mt / seqq	4 mt / seqq	4 mt / seqq	30 mt / seqq	---	4 mt / seqq

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.**NOTE:** The product is sold with o-ring and fixing nut.**CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS**

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 100 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03, ghiera di tenuta meccanica in Ottone Nichelato.

MATERIALS

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03, metal ring nut in nickel-plated brass.

**TABELLA COLORI
COLOURS TABLE**

1	BN
3	BU
4	BK

**TABELLA COLORI
COLOURS TABLE**

1	BN
2	WH
3	BU
4	BK

SPECIFICHE TECNICHE**TECHNICAL SPECIFICATIONS**

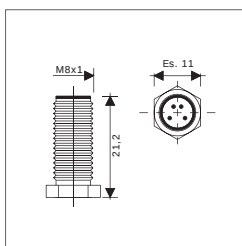
Normativa di riferimento	Reference standards	IEC 61076-2-104
Corrente Nominale	Nominal Currents	3 A
Tensione Nominale 3 POLI	Nominal Voltage 3 PINS	60 V AC-DC
Tensione Nominale 4 POLI	Nominal Voltage 4 PINS	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

CONNETTORI M8 da incasso 3-4 POLI

M8 flush type CONNECTORS 3-4 PINS



MASCHIO montaggio posteriore cavi unipolari / MALE rear mounting single wire



Cod. AS-M8M**/471*

SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION

Lunghezza Std	Std length	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	0.35 mmq
Ø Esterno	Ø External	1.90 +/- 0.1
Temperatura	Temperature	+5/+70°C

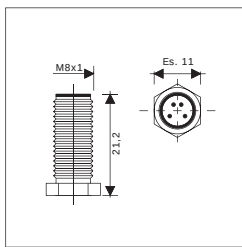
COMPOSIZIONE CODICE CODE COMPOSITION

AS-M8M00/471
n. poli
nr. of pins

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

*
X = ghiera inox / inox ring nut

MASCHIO montaggio posteriore con cavo / MALE rear mounting with cable



Cod. AS-M8M**/473**

COMPOSIZIONE CODICE CODE COMPOSITION

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

AS-M8M00050*/473
n. poli
nr. of pins

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

**
H = connettore schermato
shielded connector
X = ghiera inox / inox ring nut
HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

COD.	C	CN	CUN	R	RN	RUN	CS	RS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	3 x 24AWG (3 x 0.35) 4 x 24AWG (4 x 0.25)	3 x 22AWG (3 x 0.35) 4 x 24AWG (4 x 0.25)	4 x 22AWG (4 x 0.35)	3 x 22AWG (3 x 0.35) 4 x 24AWG (4 x 0.25)	3 x 22AWG (3 x 0.35) 4 x 24AWG (4 x 0.25)	4 x 24AWG (4 x 0.25)	3 x 22AWG (3 x 0.35) ST 4 x 24AWG (4 x 0.25) ST	3 x 22AWG (3 x 0.35) ST 4 x 24AWG (4 x 0.25) ST
Diametri Diameter	4.7 +/- 0.2 4.6 +/- 0.2	4.5 +/- 0.2 4.8 +/- 0.2	4.8 +/- 0.2	4.5 +/- 0.2 4.6 +/- 0.2	4.7 +/- 0.2 4.6 +/- 0.2	4.8 +/- 0.2	4.8 +/- 0.2 4.9 +/- 0.2	4.8 +/- 0.2 4.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.15
Guaina Esterna Outer Jacket	PVC UL/CSA Oil Resistant UL 1581 STYLE 2464 Grey Ral 7035 Flame Test FT1	PVC UL/CSA Oil Resistant UL 1581 STYLE 2464 Black Flame Test FT1	PVC UL/CSA Oil Resistant ISO 6722 STYLE 2464 Black Flame Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flame Test FT2	PUR compound Oil resistant ISO 6722 STYLE 20549 Black Flame Test FT1	PUR UL/CSA Oil resistant ISO 6722 STYLE 21441 Black Flame Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 20167 Grey Ral 7035 Flame Test FT1	PUR Compound Oil resistant UL 1581 STYLE 21441 Grey Ral 7035 Flame Test FT1
Normative di riferimento Reference standards								
Temperatura di esercizio Working temperature	-15 / +80°C Static App. +5/ +80°C Dynamic App.	-15 / +80°C Static App. +5/ +80°C Dynamic App.	-5 / +80°C Static App. +5/ +80°C Dynamic App.	-15 / +80°C Static App. -5/ +80°C Dynamic App.	-15 / +80°C Static App. -5/ +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App.	-15 / +80°C Static App. -5/ +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	120 mt / min	150 mt / min	150 mt / min	200 mt / min	---	40 mt / min
Accelerazione Acceleration	4 mt / seqq	4 mt / seqq	4 mt / seqq	4 mt / seqq	4 mt / seqq	30 mt / seqq	---	4 mt / seqq

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 100 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03, ghiera di tenuta meccanica in Ottone Nichelato.

MATERIALS

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03, metal ring nut in nickel-plated brass.



TABELLA COLORI COLOURS TABLE

1	BN
3	BU
4	BK

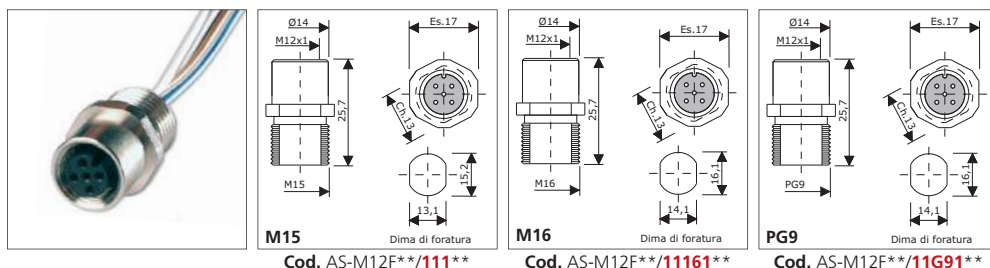
TABELLA COLORI COLOURS TABLE

1	BN
2	BU
3	WH
4	BK

SPECIFICHE TECNICHE

Normativa di riferimento	Reference standards	IEC 61076-2-104
Corrente Nominale	Nominal Currents	3 A
Tensione Nominale 3 POLI	Nominal Voltage 3 PINS	60 V AC-DC
Tensione Nominale 4 POLI	Nominal Voltage 4 PINS	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

FEMMINA montaggio frontale cavi unipolari / FEMALE front mounting single wire

COMPOSIZIONE CODICE
CODE COMPOSITIONCod. (vedi disegno)
Code (like drawing)

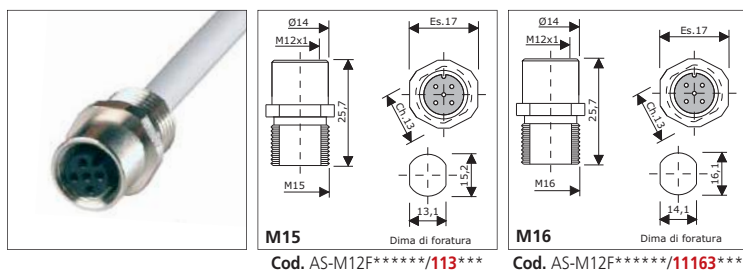
AS-M12F00***

n. poli
nr. of pinsCONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONSD = Connector Cod. D
B = Connector Cod. BX = ghiera inox
inox ring nut

SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION

Lunghezza Std	Std Length	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	22AWG (0.34 mmq)
Ø Esterno	Ø External	1.90 +/- 0.1
Temperatura	Temperature	+5/+70°C

FEMMINA montaggio frontale con cavo / FEMALE front mounting with cable

COMPOSIZIONE CODICE
CODE COMPOSITIONCod. (vedi disegno)
Code (like drawing)

AS-M12F00050*/113**

n. poli
nr. of pinslunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 mCONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONSD = Connector Cod. D
B = Connector Cod. BH = schermo connesso alla ghiera
shield connect nut
X = ghiera inox / inox ring nut
HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

COD.	C	R	RUN	CS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE
Sezioni Sections	3 x awg 22 (3 x 0.35) 4 x awg 24 (4 x 0.25) 5 x awg 24 (5 x 0.25)	3 x awg 22 (3 x 0.35) 4 x awg 24 (4 x 0.25) 5 x awg 24 (5 x 0.25)	4 x awg 22 (4 x 0.24) 5 x awg 23 (5 x 0.24)	3 x awg 22 ST (3 x 0.35) 4 x awg 24 ST (4 x 0.25) 5 x awg 24 ST (5 x 0.25)
Diametri Diameter	4.7 +/- 0.15 4.6 +/- 0.15 4.7 +/- 0.15	4.7 +/- 0.15 4.6 +/- 0.15 4.7 +/- 0.15	4.5 +/- 0.2 4.9 +/- 0.2	4.8 +/- 0.15 4.9 +/- 0.2 5.9 +/- 0.15
Conduttori Conductor	PVC classe 6 FLEX	PVC classe 6 FLEX	PVC classe 6 FLEX	PVC classe 6 FLEX
Guaina Esterna Outer Jacket	PVC UL/CSA STYLE 21179 Grey Ral 7035 Flame Test FT1	PUR compound Grey Ral 7035 Flame Test FT2	PUR UL/CSA Black Flame Test FT1	PVC CEI 2022 - II Oil resistant CEI20-34 Grey Ral 7035 Flame Test
Normative di riferimento Reference standards	UL	UL	UL	UL
Temperatura di esercizio Working temperature	-15 / +80°C Static App. -15 / +80°C Dynamic App.	-15 / +80°C Static App. -15 / +80°C Dynamic App.	-40 / +80°C Static App. -40 / +80°C Dynamic App.	-15 / +80°C Static App. -15 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	90 mt / min	150 mt / min	200 mt / min	---
Accelerazione Acceleration	---	40 mt / secq	---	---

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut

min. 100 pcs

X

Schermo connesso alla ghiera / Shield connect nut

H

Solo per 4 POLI / Only for 4 PINS

Connettore cod. D / Connector D code



D

Solo per 5 POLI / Only for 5 PINS

Connettore cod. B / Connector B code



B

MATERIALI

Portacontatto in ABS UL94 V0 autoestinguente. Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. O-ring di tenuta in Viton (femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Contact: phosphorouse bronze with gold flash (female). Metal ring nut: nickel-plated brass. O-ring: Viton (female).

TABELLA COLORI
COLOURS TABLE

1	BN
3	BU
4	BK

TABELLA COLORI
COLOURS TABLE

1	BN
2	WH
3	BU
4	BK

TABELLA COLORI
COLOURS TABLE

1	BN
2	WH
3	BU
4	BK
5	GY

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

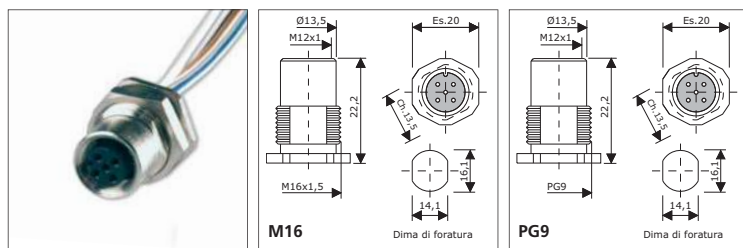
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale 3-4 POLI	Nominal Voltage 3-4 PINS	250 V AC-DC
Tensione Nominale 5 POLI	Nominal Voltage 5 PINS	60 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

CONNETTORI M12 da incasso 3-4-5 POLI

M12 flush type CONNECTORS 3-4-5 PINS



FEMMINA montaggio posteriore cavi unipolari / FEMALE rear mounting single wire



Cod. AS-M12F**/591**

Cod. AS-M12F**/59G91**

COMPOSIZIONE CODICE CODE COMPOSITION

AS-M12F00/591

n. poli
nr. of pins

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

D = Connector Cod. D
B = Connector Cod. B

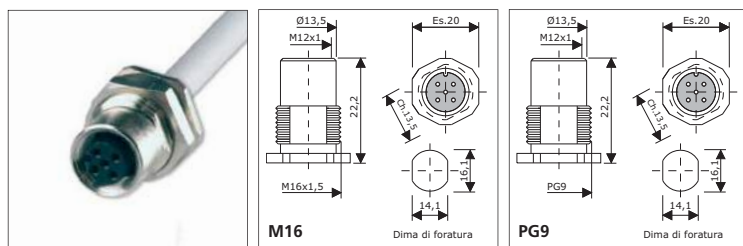
X = ghiera inox
inox ring nut

** = ghiera inox
inox ring nut

SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION

Lunghezza Std	Std Length	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	22AWG (0.34 mmq)
Ø Esterno	Ø External	1.90 +/- 0.1
Temperatura	Temperature	+5/+70°C

FEMMINA montaggio posteriore con cavo / FEMALE rear mounting with cable



Cod. AS-M12F**/593**

Cod. AS-M12F**/59G93**

COMPOSIZIONE CODICE CODE COMPOSITION

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

AS-M12F00050*/593

n. poli
nr. of pins

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

D = Connector Cod. D
B = Connector Cod. B

X = ghiera inox / inox ring nut

HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

H = schermo connesso alla ghiera
shield connect nut

X = ghiera inox / inox ring nut

HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

COD.	C	R	RUN	CS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE
Sezioni Sections	3 x avg 22 (3 x 0.35) 4 x avg 24 (4 x 0.25) 5 x avg 24 (5 x 0.25)	3 x avg 22 (3 x 0.35) 4 x avg 24 (4 x 0.25) 5 x avg 24 (5 x 0.25)	4 x avg 22 (4 x 0.24) 5 x avg 23 (5 x 0.24)	3 x avg 22 ST (3 x 0.35) 4 x avg 24 ST (4 x 0.25) 5 x avg 24 ST (5 x 0.25)
Diametri Diameter	4.7 +/- 0.15 4.6 +/- 0.15 4.7 +/- 0.15	4.7 +/- 0.15 4.6 +/- 0.15 4.7 +/- 0.15	4.5 +/- 0.2 4.9 +/- 0.2	4.8 +/- 0.15 4.9 +/- 0.2 5.9 +/- 0.15
Conduttori Conductor	PVC classe 6 FLEX	PVC classe 6 FLEX	PVC classe 6 FLEX	PVC classe 6 FLEX
Guaina Esterna Outer Jacket	PVC UL/CSA STYLE 21179 Grey Ral 7035 Flame Test FT1	PUR compound Grey Ral 7035 Flame Test FT2	PUR UL/CSA Black Flame Test FT1	PVC CEI 2022 - II Oil resistant CEI20-34 Grey Ral 7035 Flame Test
Normative di riferimento Reference standards	UL	UL	UL	UL
Temperatura di esercizio Working temperature	-15 / +80°C Static App. -15 / +80°C Dynamic App.	-15 / +80°C Static App. -15 / +80°C Dynamic App.	-40 / +80°C Static App. -40 / +80°C Dynamic App.	-15 / +80°C Static App. -15 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	90 mt / min	150 mt / min	200 mt / min	---
Accelerazione Acceleration	---	40 mt / secq	---	---

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 100 pcs X

Schermo connesso alla ghiera / Shield connect nut H

Solo per 4 POLI / Only for 4 PINS

Connettore cod. D / Connector D code D



Solo per 5 POLI / Only for 5 PINS

Connettore cod. B / Connector B code B



MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto stampato in bronzo fosforoso e doratura gold flash, ghiera di tenuta meccanica in Ottone Nichelato, o-ring di tenuta in Viton.

MATERIALS

Contact plug in self-extinguishing ABS UL94, phosphorouse bronze contact with gold flash, metal ring nut in nickel-plated brass, o-ring in Viton.



TABELLA COLORI COLOURS TABLE

1	BN
3	BU
4	BK



TABELLA COLORI COLOURS TABLE

1	BN
2	WH
3	BU
4	BK



TABELLA COLORI COLOURS TABLE

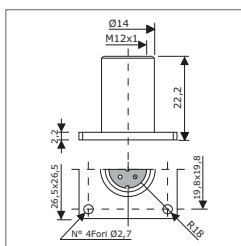
1	BN
2	WH
3	BU
4	BK
5	GY

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale 3-4 POLI	Nominal Voltage 3-4 PINS	250 V AC-DC
Tensione Nominale 5 POLI	Nominal Voltage 5 PINS	60 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

FEMMINA montaggio frontale con flangia quadra - cavi unipolari / FEMALE front mounting with square - single wire



Cod. AS-M12F**/211**

COMPOSIZIONE CODICE CODE COMPOSITION

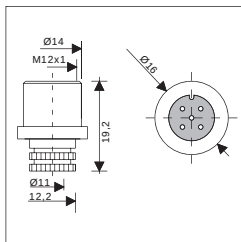
AS-M12F00/211

n. poli
nr. of pins

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

D = Connector Cod. D
B = Connector Cod. BX = ghiera inox
inox ring nut

FEMMINA montaggio frontale a pressione - cavi unipolari / FEMALE front mounting push - single wire



Cod. AS-M12F**/341**

COMPOSIZIONE CODICE CODE COMPOSITION

AS-M12F00/341

n. poli
nr. of pins

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

D = Connector Cod. D
B = Connector Cod. BX = ghiera inox
inox ring nut

TABELLA COLORI COLOURS TABLE

1	BN
3	BU
4	BK



TABELLA COLORI COLOURS TABLE

1	BN
2	WH
3	BU
4	BK



TABELLA COLORI COLOURS TABLE

1	BN
2	WH
3	BU
4	BK
5	GY

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 100 pcs **X**Schermo connesso alla ghiera / Shield connect nut **H**

Solo per 4 POLI / Only for 4 PINS

Connettore cod. D / Connector D code

**D**

Solo per 5 POLI / Only for 5 PINS

Connettore cod. B / Connector B code

**B**

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto stampato in bronzo fosforoso e doratura gold flash, ghiera di tenuta meccanica in Ottone Nichelato, o-ring di tenuta in Viton.

MATERIALS

Contact plug in self-extinguishing ABS UL94, phosphorous bronze contact with gold flash, metal ring nut in nickel-plated brass, o-ring in Viton.

SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION

Lunghezza Std	Std Length	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	22AWG (0.34 mmq)
Ø Esterno	Ø External	1.90 +/- 0.1
Temperatura	Temperature	+5/+70°C

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

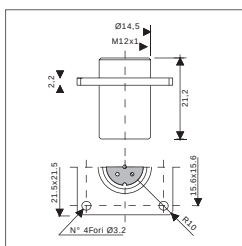
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale 3-4 POLI	Nominal Voltage 3-4 PINS	250 V AC-DC
Tensione Nominale 5 POLI	Nominal Voltage 5 PINS	60 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

CONNETTORI M12 da incasso 3-4-5 POLI



M12 flush type CONNECTORS 3-4-5 PINS

FEMMINA montaggio frontale cavi unipolari / FEMALE front mounting single wire



Cod. AS-M12F**/671**

COMPOSIZIONE CODICE CODE COMPOSITION

AS-M12F00/671

n. poli
nr. of pins

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

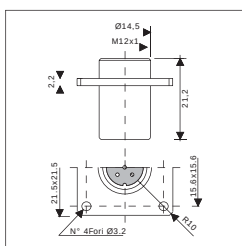
D = Connector Cod. D
B = Connector Cod. B

X = ghiera inox
inox ring nut

SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION

Lunghezza Std	Std Length	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	22AWG (0.34 mmq)
Ø Esterno	Ø External	1.90 +/- 0.1
Temperatura	Temperature	+5/+70°C

FEMMINA montaggio frontale con cavo / FEMALE front mounting with cable



Cod. AS-M12F*****/673***

COMPOSIZIONE CODICE CODE COMPOSITION

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

AS-M12F00050*/673

n. poli
nr. of pins

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

D = Connector Cod. D
B = Connector Cod. B

H = schermo connesso alla ghiera
shield connect nut
X = ghiera inox / inox ring nut
HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

COD.	C	R	RUN	CS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE
Sezioni Sections	3 x avg 22 (3 x 0.35) 4 x avg 24 (4 x 0.25) 5 x avg 24 (5 x 0.25)	3 x avg 22 (3 x 0.35) 4 x avg 24 (4 x 0.25) 5 x avg 24 (5 x 0.25)	4 x avg 22 (4 x 0.24) 5 x avg 23 (5 x 0.24)	3 x avg 22 ST (3 x 0.35) 4 x avg 24 ST (4 x 0.25) 5 x avg 24 ST (5 x 0.25)
Diametri Diameter	4.7 +/- 0.15 4.6 +/- 0.15 4.7 +/- 0.15	4.7 +/- 0.15 4.6 +/- 0.15 4.7 +/- 0.15	4.5 +/- 0.2 4.9 +/- 0.2	4.8 +/- 0.15 4.9 +/- 0.2 5.9 +/- 0.15
Conduttori Conductor	PVC classe 6 FLEX	PVC classe 6 FLEX	PVC classe 6 FLEX	PVC classe 6 FLEX
Guaina Esterna Outer Jacket	PVC UL/CSA STYLE 21179 Grey Ral 7035 Flame Test FT1	PUR compound Grey Ral 7035 Flame Test FT2	PUR UL/CSA Black Flame Test FT1	PVC CEI 2022 - II Oil resistant CEI20-34 Grey Ral 7035 Flame Test
Normative di riferimento Reference standards				
Temperatura di esercizio Working temperature	-15 / +80°C Static App. -15 / +80°C Dynamic App.	-15 / +80°C Static App. -15 / +80°C Dynamic App.	-40 / +80°C Static App. -40 / +80°C Dynamic App.	-15 / +80°C Static App. -15 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	90 mt / min	150 mt / min	200 mt / min	---
Accelerazione Acceleration	---	40 mt / secq	---	---

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 100 pcs **X**

Schermo connesso alla ghiera / Shield connect nut **H**

Solo per 4 POLI / Only for 4 PINS

Connettore cod. D / Connector D code



D

Solo per 5 POLI / Only for 5 PINS

Connettore cod. B / Connector B code



B

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto stampato in bronzo fosforoso e doratura gold flash, ghiera di tenuta meccanica in Ottone Nichelato, o-ring di tenuta in Viton.

MATERIALS

Contact plug in self-extinguishing ABS UL94, phosphorouse bronze contact with gold flash, metal ring nut in nickel-plated brass, o-ring in Viton.



TABELLA COLORI COLOURS TABLE

1	BN
3	BU
4	BK



TABELLA COLORI COLOURS TABLE

1	BN
2	WH
3	BU
4	BK



TABELLA COLORI COLOURS TABLE

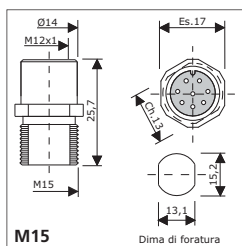
1	BN
2	WH
3	BU
4	BK
5	GY

SPECIFICHE TECNICHE

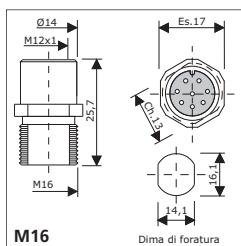
TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale 3-4 POLI	Nominal Voltage 3-4 PINS	250 V AC-DC
Tensione Nominale 5 POLI	Nominal Voltage 5 PINS	60 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

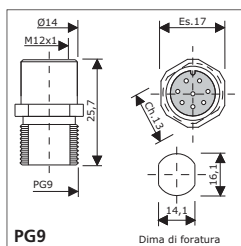
FEMMINA montaggio frontale cavi unipolari / FEMALE front mounting single wire



Cod. AS-M12F**/111*



Cod. AS-M12F**/11161*



Cod. AS-M12F**/11G91*

COMPOSIZIONE CODICE
CODE COMPOSITIONCod. (vedi disegno)
Code (like drawing)

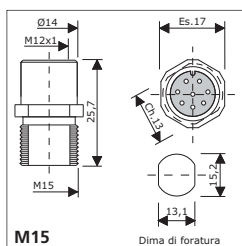
AS-M12F00/***

n. poli
nr. of pinsCONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONSX = ghiera inox
inox ring nut

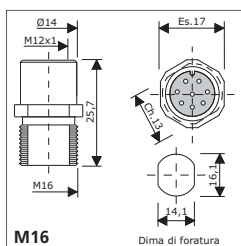
SPECIFICHE CAVI UNIPOLARI/SINGLE WIRE SPECIFICATION

Lunghezza Std	Std Length	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	24AWG (0.25 mmq)
Ø Esterno	Ø External	1.50 +/- 0.1
Temperatura	Temperature	+5/+70°C

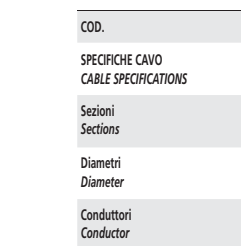
FEMMINA montaggio frontale con cavo / FEMALE front mounting with cable



Cod. AS-M12F*****/113**



Cod. AS-M12F*****/11163**



Cod. AS-M12F*****/11G93**

COMPOSIZIONE CODICE
CODE COMPOSITIONCod. (vedi disegno)
Code (like drawing)Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

AS-M12F00050/***

n. poli
nr. of pinslunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 mCONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONSH = schermo connesso alla ghiera
shield connect nut

X = ghiera inox / inox ring nut

HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

COD.	C	CS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE
Sezioni Sections	6 x avg 24 (6 x 0.25) 8 x avg 24 (8 x 0.25)	6 x avg 24 ST (6 x 0.25) 8 x avg 24 ST (8 x 0.25)
Diametri Diameter	5.9 +/- 0.15	6.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10
Guaina Esterna Outer Jacket	PVC CEI 2022 - II Oil resistant UL 1581 Grey Ral 7035 Flam Retardant FT1	PVC CEI 2022 - II Oil resistant UL 1581 Grey Ral 7035 Flam Retardant FT1
Normative di riferimento Reference standards		
Temperatura di esercizio Working temperature	-15 / +70°C Static App. +5 / +70°C Mobile App.	-15 / +80°C Static App.
Raggio di curvatura Bending radius	10 x Ø esterno	12 x Ø esterno
Schermatura Shield	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslation's speed	90 mt / min	---
Accelerazione Acceleration	4 mt / seq	---

TABELLA COLORI
COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
6	GY
7	PK

TABELLA COLORI
COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.**NOTE:** The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 100 pcs	X
Schermo connesso alla ghiera / Shield connect nut		H

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03, ghiera di tenuta meccanica in Ottone Nichelato, o-ring di tenuta in Viton.

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03. Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. O-ring: Viton (female).

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

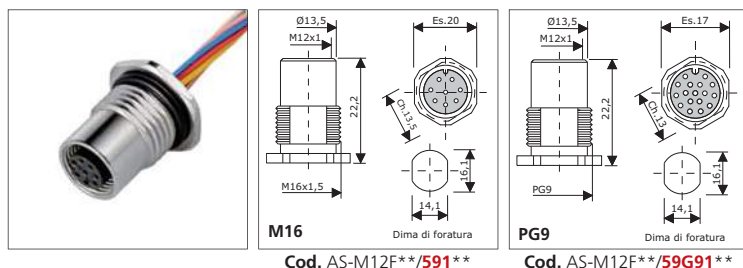
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	2 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

CONNETTORI M12 da incasso 6-8 POLI

M12 flush type CONNECTORS 6-8 PINS

ROHS
compliant

FEMMINA montaggio posteriore cavi unipolari / FEMALE rear mounting single wire



Cod. AS-M12F**/591**

Cod. AS-M12F**/59G91**

COMPOSIZIONE CODICE CODE COMPOSITION

AS-M12F00/591

n. poli
nr. of pins

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

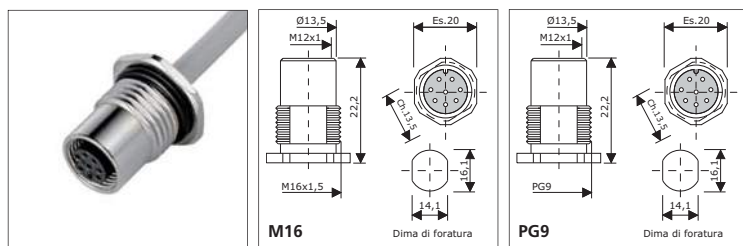
*

X = ghiera inox
inox ring nut

SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION

Lunghezza Std	Std Length	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	24AWG (0.25 mmq)
Ø Esterno	Ø External	1.50 +/- 0.1
Temperatura	Temperature	+5/+70°C

FEMMINA montaggio posteriore con cavo / FEMALE rear mounting with cable



Cod. AS-M12F**/593**

Cod. AS-M12F**/59G93**

COMPOSIZIONE CODICE CODE COMPOSITION

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

AS-M12F00050*/593

n. poli
nr. of pins

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

**

H = schermo connesso alla ghiera
shield connect nut
X = ghiera inox / inox ring nut
HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

COD.	C	CS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE
Sezioni Sections	6 x avg 24 (6 x 0.25) 8 x avg 24 (8 x 0.25)	6 x avg 24 ST (6 x 0.25) 8 x avg 24 ST (8 x 0.25)
Diametri Diameter	5.9 +/- 0.15	6.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10
Guaina Esterna Outer Jacket	PVC CEI 2022 - II Oil resistant UL 1581 Grey Ral 7035 Flam Retardant FT1	PVC CEI 2022 - II Oil resistant UL 1581 Grey Ral 7035 Flam Retardant FT1
Normative di riferimento Reference standards	EN	EN
Temperatura di esercizio Working temperature	-15 / +70°C Static App. +5 / +70°C Mobile App.	-15 / +70°C Static App.
Raggio di curvatura Bending radius	10 x Ø esterno	12 x Ø esterno
Schermatura Shield	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslation's speed	90 mt / min	---
Accelerazione Acceleration	4 mt / secq	---



TABELLA COLORI COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
6	GY
7	PK

TABELLA COLORI COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 100 pcs	X
Schermo connesso alla ghiera / Shield connect nut		H

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03, ghiera di tenuta meccanica in Ottone Nichelato, o-ring di tenuta in Viton.

MATERIALS

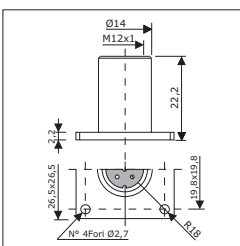
Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03. Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. O-ring: Viton (female).

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	2 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

FEMMINA montaggio frontale con flangia quadra - cavi unipolari / FEMALE front mounting with square - single wire



Cod. AS-M12F**/211**

COMPOSIZIONE CODICE CODE COMPOSITION

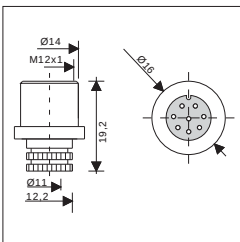
AS-M12F00/211

n. poli
nr. of pins

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

*
X = ghiera inox
inox ring nut

FEMMINA montaggio frontale a pressione - cavi unipolari / FEMALE front mounting push - single wire



Cod. AS-M12F**/341*

COMPOSIZIONE CODICE CODE COMPOSITION

AS-M12F00/341

n. poli
nr. of pins

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

*
X = ghiera inox
inox ring nut

TABELLA COLORI COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
6	GY
7	PK

TABELLA COLORI COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 100 pcs X

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03, ghiera di tenuta meccanica in Ottone Nichelato, o-ring di tenuta in Viton.

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03. Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. O-ring: Viton (female).

SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION

Lunghezza Std	Length Std	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	24AWG (0.25 mmq)
Ø Esterno	Ø External	1.50 +/- 0.1
Temperatura	Temperature	+5/+70°C

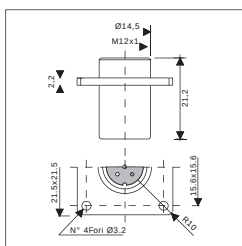
SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	2 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

CONNETTORI M12 da incasso 6-8 POLI

M12 flush type CONNECTORS 6-8 PINS

ROHS
compliant

FEMMINA montaggio frontale cavi unipolari / FEMALE front mounting single wire



Cod. AS-M12F**/671*

COMPOSIZIONE CODICE CODE COMPOSITION

AS-M12F00/671

n. poli
nr. of pins

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

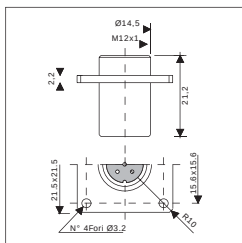
*

X = ghiera inox
inox ring nut

SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION

Lunghezza Std	Std Length	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	24AWG (0.25 mmq)
Ø Esterno	Ø External	1.50 +/- 0.1
Temperatura	Temperature	+5/+70°C

FEMMINA montaggio frontale con cavo / FEMALE front mounting with cable



Cod. AS-M12F*****/673**

COMPOSIZIONE CODICE CODE COMPOSITION

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

AS-M12F00050*/673

n. poli
nr. of pins

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

**

H = schermo connesso alla ghiera
shield connect nut
X = ghiera inox / inox ring nut
HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

COD.	C	CS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE
Sezioni Sections	6 x awg 24 (6 x 0.25) 8 x awg 24 (8 x 0.25)	6 x awg 24 ST (6 x 0.25) 8 x awg 24 ST (8 x 0.25)
Diametri Diameter	5.9 +/- 0.15	6.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10
Guaina Esterna Outer Jacket	PVC CEI 2022 - II Oil resistant UL 1581 Grey Ral 7035 Flam Retardant FT1	PVC CEI 2022 - II Oil resistant UL 1581 Grey Ral 7035 Flam Retardant FT1
Normative di riferimento Reference standards		
Temperatura di esercizio Working temperature	-15 / +70°C Static App. +5 / +70°C Mobile App.	-15 / +70°C Static App.
Raggio di curvatura Bending radius	10 x Ø esterno	12 x Ø esterno
Schermatura Shield	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslation's speed	90 mt / min	---
Accelerazione Acceleration	4 mt / secq	---



TABELLA COLORI COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
6	GY
7	PK

TABELLA COLORI COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 100 pcs	X
Schermo connesso alla ghiera / Shield connect nut		H

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03, ghiera di tenuta meccanica in Ottone Nichelato, o-ring di tenuta in Viton.

MATERIALS

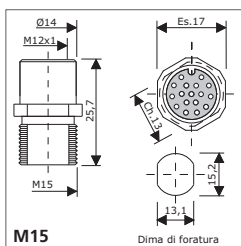
Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03. Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. O-ring: Viton (female).

SPECIFICHE TECNICHE

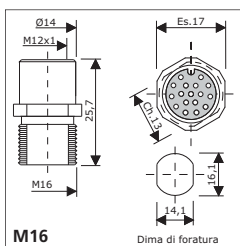
TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	2 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

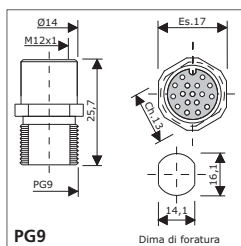
FEMMINA montaggio frontale cavi unipolari / FEMALE front mounting single wire



Cod. AS-M12F**/111*



Cod. AS-M12F**/11161*



Cod. AS-M12F**/11G91*

COMPOSIZIONE CODICE
CODE COMPOSITIONCod. (vedi disegno)
Code (like drawing)

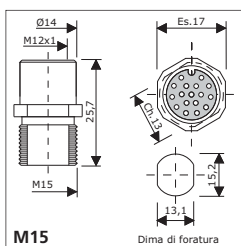
AS-M12F00/****

n. poli
nr. of pinsCONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONSX = ghiera inox
inox ring nut

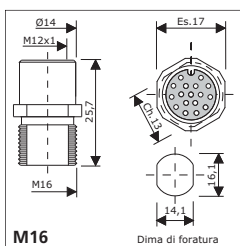
SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION

Lunghezza Std	Std Length	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	26AWG (0.14 mmq)
Ø Esterno	Ø External	1.10 +/- 0.1
Temperatura	Temperature	+5/+70°C

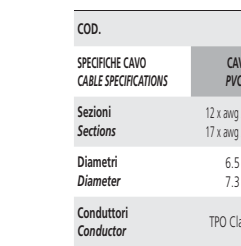
FEMMINA montaggio frontale con cavo / FEMALE front mounting with cable



Cod. AS-M12F*****/113**



Cod. AS-M12F*****/11163**



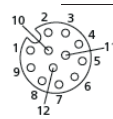
Cod. AS-M12F*****/11G93**

COMPOSIZIONE CODICE
CODE COMPOSITIONCod. (vedi disegno)
Code (like drawing)
Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

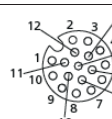
AS-M12F00050/****

n. poli
nr. of pins
lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 mCONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONSH = schermo connesso alla ghiera
shield connect nut
X = ghiera inox / inox ring nut
HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

COD.	C	R	CS	RS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PUR PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	12 x avg 24 (12 x 0.25) 17 x avg 26 (12 x 0.14)	12 x avg 24 (12 x 0.25) 17 x avg 26 (12 x 0.14)	12 x avg 24 ST (12 x 0.25) 17 x avg 26 ST (12 x 0.14)	12 x avg 24 ST (12 x 0.25) 17 x avg 26 ST (12 x 0.14)
Diametri Diameter	6.5 +/- 0.2 7.3 +/- 0.2	7.1 +/- 0.2 7.1 +/- 0.2	6.9 +/- 0.2 7.9 +/- 0.2	7.6 +/- 0.2 7.6 +/- 0.2
Conduttori Conductor	TPO Classe 5 FLEX	TPO Classe 6 FLEX	TPO Classe 5 FLEX	TPO Classe 6 FLEX
Guaina Esterna Outer Jacket	PVC UL/CSA STYLE 21179 Grey DESINA Flam Retardant FT1	PUR UL/CSA STYLE 21576 Grey DESINA Flam Retardant FT2	PVC UL/CSA STYLE 21179 Grey DESINA Flam Retardant FT1	PUR UL/CSA STYLE 21576 Grey DESINA Flam Retardant FT2
Normative di riferimento Reference standards	RU	RU	RU	RU
Temperatura di esercizio Working temperature	-30 / +80°C Static App. -5 / +80°C Mobile App.	-40 / +80°C Static App. -30 / +80°C Mobile App.	-30 / +80°C Static App. -5 / +80°C Mobile App.	-40 / +80°C Static App. -30 / +80°C Mobile App.
Raggio di curvatura Bending radius	6 x Ø esterno Static App. 15 x Ø esterno Dynamic App.	5 x Ø esterno Static App. 5 x Ø esterno Dynamic App.	6 x Ø esterno Static App. 15 x Ø esterno Dynamic App.	5 x Ø esterno Static App. 7.5 x Ø esterno Dynamic App.
Schermatura Shield	---	---	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	300 mt / min	---	300 mt / min
Accelerazione Acceleration	---	40 mt / secq	---	40 mt / secq

TABELLA COLORI
COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD
9	BK
10	VT
11	GYPK
12	RDBU

TABELLA COLORI
COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD
9	BK
10	VT
11	GYPK
12	RDBU
13	WHGN
14	BNGN
15	WHYE
16	YEBN
17	WHGY

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 100 pcs	X
Schermo connesso alla ghiera / Shield connect nut		H

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03, ghiera di tenuta meccanica in Ottone Nichelato, o-ring di tenuta in Viton.

MATERIALS

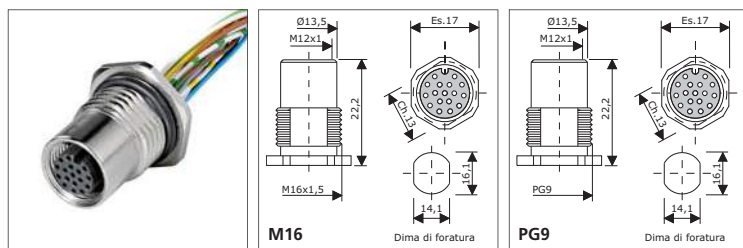
Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03. Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. O-ring: Viton (female).

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	1.5 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

FEMMINA montaggio posteriore cavi unipolari / FEMALE rear mounting single wire



Cod. AS-M12F**/591**

Cod. AS-M12F**/59G91**

COMPOSIZIONE CODICE CODE COMPOSITION

AS-M12F00/591

n. poli
nr. of pins

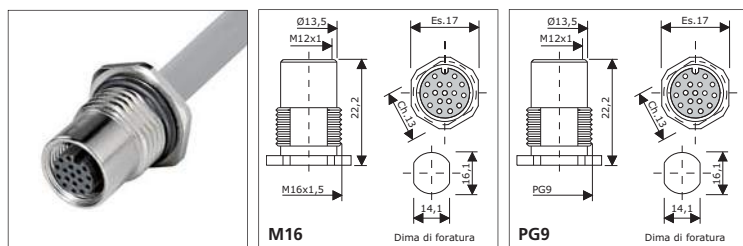
CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

X = ghiera inox
inox ring nut

SPECIFICHE CAVI UNIPOLARI/SINGLE WIRE SPECIFICATION

Lunghezza Std	Std Length	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	26AWG (0.14 mmq)
Ø Esterno	Ø External	1.10 +/- 0.1
Temperatura	Temperature	+5/+70°C

FEMMINA montaggio posteriore con cavo / FEMALE rear mounting with cable



Cod. AS-M12F**/593**

Cod. AS-M12F**/59G93**

COMPOSIZIONE CODICE CODE COMPOSITION

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

AS-M12F00050*/593

n. poli
nr. of pins

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

H = schermo connesso alla ghiera
shield connect nut
X = ghiera inox / inox ring nut
HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

COD.	C	R	CS	RS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PUR PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	12 x avg 24 (12 x 0.25) 17 x avg 26 (12 x 0.14)	12 x avg 24 (12 x 0.25) 17 x avg 26 (12 x 0.14)	12 x avg 24 ST (12 x 0.25) 17 x avg 26 ST (12 x 0.14)	12 x avg 24 ST (12 x 0.25) 17 x avg 26 ST (12 x 0.14)
Diametri Diameter	6.5 +/- 0.2 7.3 +/- 0.2	7.1 +/- 0.2 7.1 +/- 0.2	6.9 +/- 0.2 7.9 +/- 0.2	7.6 +/- 0.2 7.6 +/- 0.2
Conduttori Conductor	TPO Classe 5 FLEX	TPO Classe 6 FLEX	TPO Classe 5 FLEX	TPO Classe 6 FLEX
Guaina Esterna Outer Jacket	PVC UL/CSA STYLE 21179 Grey DESINA Flam Retardant FT1	PUR UL/CSA STYLE 21576 Grey DESINA Flam Retardant FT2	PVC UL/CSA STYLE 21179 Grey DESINA Flam Retardant FT1	PUR UL/CSA STYLE 21576 Grey DESINA Flam Retardant FT2
Normative di riferimento Reference standards	UL	UL	UL	UL
Temperatura di esercizio Working temperature	-30 / +80°C Static App. -5 / +80°C Mobile App.	-40 / +80°C Static App. -30 / +80°C Mobile App.	-30 / +80°C Static App. -5 / +80°C Mobile App.	-40 / +80°C Static App. -30 / +80°C Mobile App.
Raggio di curvatura Bending radius	6 x Ø esterno Static App. 15 x Ø esterno Dynamic App.	5 x Ø esterno Static App. 5 x Ø esterno Dynamic App.	6 x Ø esterno Static App. 15 x Ø esterno Dynamic App.	5 x Ø esterno Static App. 7.5 x Ø esterno Dynamic App.
Schermatura Shield	---	---	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslacion's speed	---	300 mt / min	---	300 mt / min
Accelerazione Acceleration	---	40 mt / secq	---	40 mt / secq

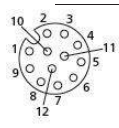


TABELLA COLORI COLOURS TABLE
1 WH
2 BN
3 GN
4 YE
5 GY
6 PK
7 BU
8 RD
9 BK
10 VT
11 GYPK
12 RDBU

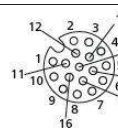


TABELLA COLORI COLOURS TABLE
1 WH
2 BN
3 GN
4 YE
5 GY
6 PK
7 BU
8 RD
9 BK
10 VT
11 GYPK
12 RDBU
13 WHGN
14 BNGN
15 WHYE
16 YEYN
17 WHGY

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 100 pcs	X
Schermo connesso alla ghiera / Shield connect nut		H

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03, ghiera di tenuta meccanica in Ottone Nichelato, o-ring di tenuta in Viton.

MATERIALS

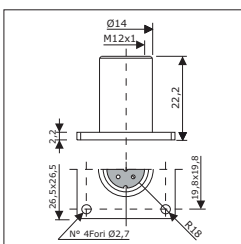
Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03. Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. O-ring: Viton (female).

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	1.5 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

FEMMINA montaggio frontale con flangia quadra - cavi unipolari / FEMALE front mounting with square - single wire



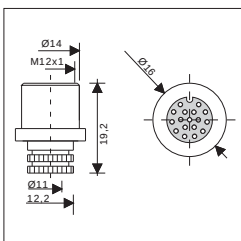
Cod. AS-M12F**/211**

COMPOSIZIONE CODICE
CODE COMPOSITION

AS-M12F00/211

n. poli
nr. of pinsCONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS*
X = ghiera inox
inox ring nut

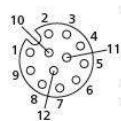
FEMMINA montaggio frontale a pressione - cavi unipolari / FEMALE front mounting push - single wire



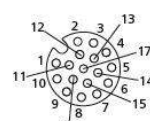
Cod. AS-M12F**/341

COMPOSIZIONE CODICE
CODE COMPOSITION

AS-M12F00/341

n. poli
nr. of pinsCONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS*
X = ghiera inox
inox ring nutTABELLA COLORI
COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD
9	BK
10	VT
11	GYPK
12	RDBU

TABELLA COLORI
COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD
9	BK
10	VT
11	GYPK
12	RDBU
13	WHGN
14	BNGN
15	WHYE
16	YEBN
17	WHGY

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 100 pcs X

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03, ghiera di tenuta meccanica in Ottone Nichelato, o-ring di tenuta in Viton.

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03. Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. O-ring: Viton (female).

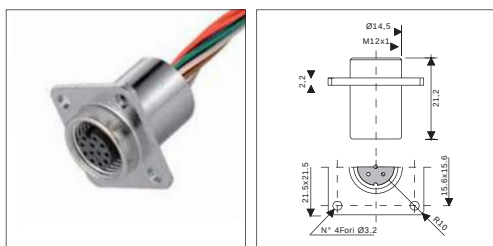
SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION

Lunghezza Std	Std Length	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	26AWG (0.14 mmq)
Ø Esterno	Ø External	1.10 +/- 0.1
Temperatura	Temperature	+5/+70°C

SPECIFICHE TECNICHE TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	1.5 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

FEMMINA montaggio frontale cavi unipolari / FEMALE front mounting single wire

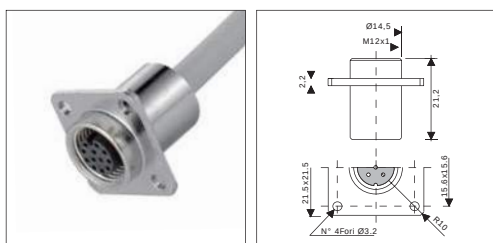


Cod. AS-M12F**/671*

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
AS-M12F00/671 n. poli nr. of pins	* X = ghiera inox inox ring nut

SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION		
Lunghezza Std	Std Length	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	26AWG (0.14 mmq)
Ø Esterno	Ø External	1.10 +/- 0.1
Temperatura	Temperature	+5/+70°C

FEMMINA montaggio frontale con cavo / FEMALE front mounting with cable



Cod. AS-M12F*****/673**

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AS-M12F00050*/673 n. poli nr. of pins lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	** H = schermo connesso alla ghiera shield connect nut X = ghiera inox / inox ring nut HX = connettore schermato e ghiera inox shielded connector and inox ring nut

COD.	C	R	CS	RS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PUR PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	12 x avg 24 (12 x 0.25) 17 x avg 26 (12 x 0.14)	12 x avg 24 (12 x 0.25) 17 x avg 26 (12 x 0.14)	12 x avg 24 ST (12 x 0.25) 17 x avg 26 ST (12 x 0.14)	12 x avg 24 ST (12 x 0.25) 17 x avg 26 ST (12 x 0.14)
Diametri Diameter	6.5 +/- 0.2 7.3 +/- 0.2	7.1 +/- 0.2 7.1 +/- 0.2	6.9 +/- 0.2 7.9 +/- 0.2	7.6 +/- 0.2 7.6 +/- 0.2
Conduttori Conductor	TPO Classe 5 FLEX	TPO Classe 6 FLEX	TPO Classe 5 FLEX	TPO Classe 6 FLEX
Guaina Esterna Outer Jacket	PVC UL/CSA STYLE 21179 Grey DESINA Flam Retardant FT1	PUR UL/CSA STYLE 21576 Grey DESINA Flam Retardant FT2	PVC UL/CSA STYLE 21179 Grey DESINA Flam Retardant FT1	PUR UL/CSA STYLE 21576 Grey DESINA Flam Retardant FT2
Normative di riferimento Reference standards	UL	UL	UL	UL
Temperatura di esercizio Working temperature	-30 / +80°C Static App. -5 / +80°C Mobile App.	-40 / +80°C Static App. -30 / +80°C Mobile App.	-30 / +80°C Static App. -5 / +80°C Mobile App.	-40 / +80°C Static App. -30 / +80°C Mobile App.
Raggio di curvatura Bending radius	6 x Ø esterno Static App. 15 x Ø esterno Dynamic App.	5 x Ø esterno Static App. 5 x Ø esterno Dynamic App.	6 x Ø esterno Static App. 15 x Ø esterno Dynamic App.	5 x Ø esterno Static App. 7.5 x Ø esterno Dynamic App.
Schermatura Shield	---	---	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	300 mt / min	---	300 mt / min
Accelerazione Acceleration	---	40 mt / secq	---	40 mt / secq

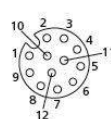


TABELLA COLORI COLOURS TABLE
1 WH
2 BN
3 GN
4 YE
5 GY
6 PK
7 BU
8 RD
9 BK
10 VT
11 GYPK
12 RDBU

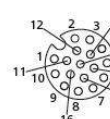


TABELLA COLORI COLOURS TABLE
1 WH
2 BN
3 GN
4 YE
5 GY
6 PK
7 BU
8 RD
9 BK
10 VT
11 GYPK
12 RDBU
13 WHGN
14 BNGN
15 WHYE
16 YEBN
17 WHGY

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 100 pcs	X
Schermo connesso alla ghiera / Shield connect nut		H

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03, ghiera di tenuta meccanica in Ottone Nichelato, o-ring di tenuta in Viton.

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03. Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. O-ring: Viton (female).

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

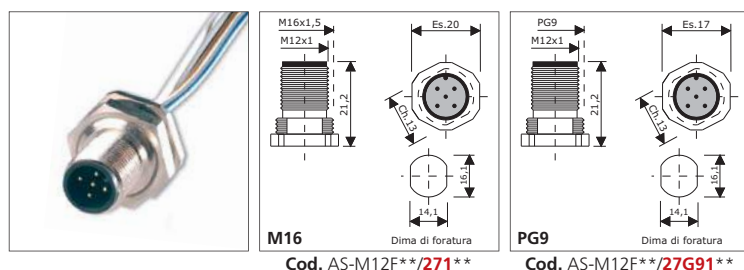
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	1.5 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

CONNETTORI M12 da incasso 3-4-5 POLI

ROHS
compliant

M12 flush type CONNECTORS 3-4-5 PINS

MASCHIO montaggio posteriore cavi unipolari / MALE rear mounting single wire



Cod. AS-M12F**/271**

Cod. AS-M12F**/27G91**

COMPOSIZIONE CODICE CODE COMPOSITION

AS-M12M00/271

n. poli
nr. of pins

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

D = Connector Cod. D
B = Connector Cod. B

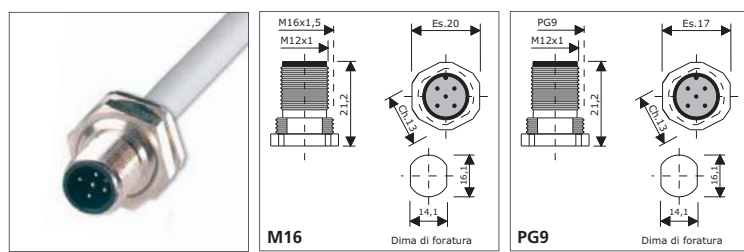
**

X = ghiera inox
inox ring nut

SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION

Lunghezza Std	Std Length	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	22AWG (0.34 mmq)
Ø Esterno	Ø External	1.90 +/- 0.1
Temperatura	Temperature	+5/+70°C

MASCHIO montaggio posteriore con cavo / MALE rear mounting with cable



Cod. AS-M12F**/273**

Cod. AS-M12F**/27G93**

COMPOSIZIONE CODICE CODE COMPOSITION

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

AS-M12M00050*/273

n. poli
nr. of pins

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

D = Connector Cod. D
B = Connector Cod. B

H = schermo connesso alla ghiera
shield connect nut
X = ghiera inox / inox ring nut
HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

COD.	C	R	RUN	CS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE
Sezioni Sections	3 x avg 22 (3 x 0.35) 4 x avg 24 (4 x 0.25) 5 x avg 24 (5 x 0.25)	3 x avg 22 (3 x 0.35) 4 x avg 24 (4 x 0.25) 5 x avg 24 (5 x 0.25)	4 x avg 22 (4 x 0.24) 5 x avg 23 (5 x 0.24)	3 x avg 22 ST (3 x 0.35) 4 x avg 24 ST (4 x 0.25) 5 x avg 24 ST (5 x 0.25)
Diametri Diameter	4.7 +/- 0.15 4.6 +/- 0.15 4.7 +/- 0.15	4.7 +/- 0.15 4.6 +/- 0.15 4.7 +/- 0.15	4.5 +/- 0.2 4.9 +/- 0.2	4.8 +/- 0.15 4.9 +/- 0.2 5.9 +/- 0.15
Conduttori Conductor	PVC classe 6 FLEX	PVC classe 6 FLEX	PVC classe 6 FLEX	PVC classe 6 FLEX
Guaina Esterna Outer Jacket	PVC UL/CSA STYLE 21179 Grey Ral 7035 Flame Test FT1	PUR compound Grey Ral 7035 Flame Test FT2	PUR UL/CSA Black Flame Test FT1	PVC CEI 2022 - II Oil resistant. CEI20-34 Grey Ral 7035 Flame Test
Normative di riferimento Reference standards	UL	UL	UL	UL
Temperatura di esercizio Working temperature	-15 / +80°C Static App. -15 / +80°C Dynamic App.	-15 / +80°C Static App. -15 / +80°C Dynamic App.	-40 / +80°C Static App. -40 / +80°C Dynamic App.	-15 / +80°C Static App. -15 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	A treccia - Copertura > 85% Braided coverage > 85%
Velocità di traslazione Traslation's speed	90 mt / min	150 mt / min	200 mt / min	---
Accelerazione Acceleration	---	40 mt / secq	---	---

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut

min. 100 pcs

X

Schermo connesso alla ghiera / Shield connect nut

H

Solo per 4 POLI / Only for 4 PINS

Connettore cod. D / Connector D code



D

Solo per 5 POLI / Only for 5 PINS

Connettore cod. B / Connector B code



B

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03, ghiera di tenuta meccanica in Ottone Nichelato.

MATERIALS

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03, metal ring nut in nickel-plated brass.



TABELLA COLORI COLOURS TABLE

1	BN
3	BU
4	BK



TABELLA COLORI COLOURS TABLE

1	BN
2	WH
3	BU
4	BK



TABELLA COLORI COLOURS TABLE

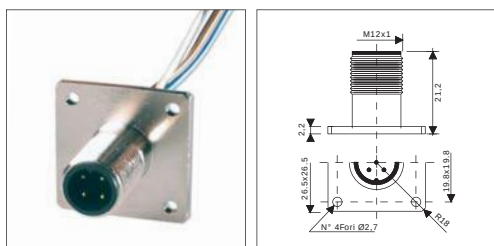
1	BN
2	WH
3	BU
4	BK
5	GY

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale 3-4 POLI	Nominal Voltage 3-4 PINS	250 V AC-DC
Tensione Nominale 5 POLI	Nominal Voltage 5 PINS	60 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

MASCHIO montaggio frontale con flangia quadra - cavi unipolari / MALE front mounting with square - single wire



Cod. AS-M12M**/231**

COMPOSIZIONE CODICE CODE COMPOSITION

AS-M12M00/231

n. poli
nr. of pins

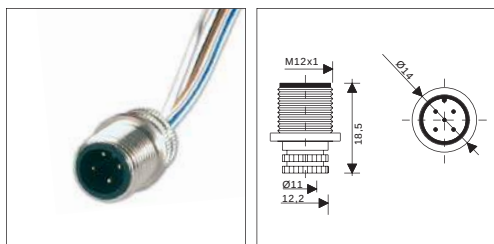
CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

D = Connector Cod. D
B = Connector Cod. B

**

X = ghiera inox
inox ring nut

MASCHIO montaggio frontale a pressione - cavi unipolari / MALE front mounting push - single wire



Cod. AS-M12M**/311**

COMPOSIZIONE CODICE CODE COMPOSITION

AS-M12M00/311

n. poli
nr. of pins

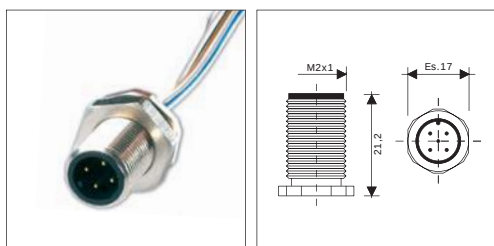
CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

D = Connector Cod. D
B = Connector Cod. B

**

X = ghiera inox
inox ring nut

MASCHIO montaggio posteriore cavi unipolari / MALE rear mounting single wire



Cod. AS-M12M**/421**

COMPOSIZIONE CODICE CODE COMPOSITION

AS-M12M00/421

n. poli
nr. of pins

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

D = Connector Cod. D
B = Connector Cod. B

**

X = ghiera inox
inox ring nut

TABELLA COLORI COLOURS TABLE

1	BN
3	BU
4	BK



TABELLA COLORI COLOURS TABLE

1	BN
2	WH
3	BU
4	BK



TABELLA COLORI COLOURS TABLE

1	BN
2	WH
3	BU
4	BK
5	GY

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 100 pcs **X**Schermo connesso alla ghiera / Shield connect nut **H**

Solo per 4 POLI / Only for 4 PINS

Connettore cod. D / Connector D code

**D**

Solo per 5 POLI / Only for 5 PINS

Connettore cod. B / Connector B code

**B**

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03, ghiera di tenuta meccanica in Ottone Nichelato.

MATERIALS

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03, metal ring nut in nickel-plated brass.

SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION

Lunghezza Std	Std Length	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	22AWG (0.34 mmq)
Ø Esterno	Ø External	1.90 +/- 0.1
Temperatura	Temperature	+5/+70°C

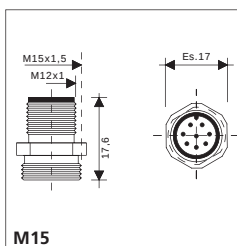
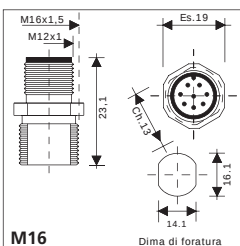
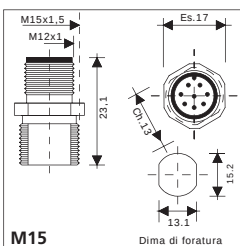
SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale 3-4 POLI	Nominal Voltage 3-4 PINS	250 V AC-DC
Tensione Nominale 5 POLI	Nominal Voltage 5 PINS	60 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

M12 flush type CONNECTORS 6-8 PINS

MASCHIO montaggio frontale cavi unipolari / **MALE** front mounting single wire

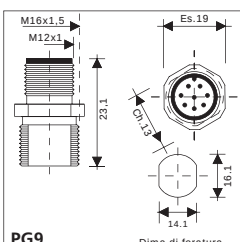


Cod. AS-M12M**/101*

Cod. AS-M12M/10161***

Cod. AS-M12M/181***

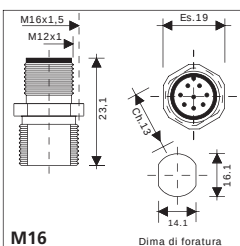
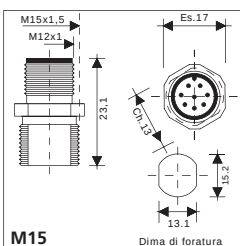
COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Cod. (vedi disegno) Code (like drawing) AS-M12M00/*** n. poli nrc. of pins	X = ghiera inox inox ring nut



Cod. AS-M12M/10G91***

SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION		
Lunghezza Std	Std Length	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	24AWG (0.25 mmq)
Ø Esterno	Ø External	1.50 +/- 0.1
Temperatura	Temperature	+5/+70°C

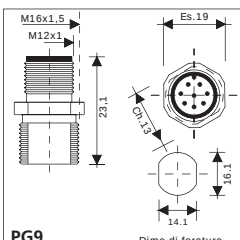
MASCHIO montaggio frontale con cavo / **MALE** front mounting with cable



Cod. AS-M12M*****/103**

Cod. AS-M12M*****/10163**

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Cod. (vedi disegno) Code (like drawing) Tipologia cavo (vedi cod. in tabella) Cable type (code like table)	
AS-M12M00050*/** **	
n. poli of pins	H = schermo connesso alla ghiera shield connect nut
lunghezza cavo cable length	X = ghiera inox / inox ring nut
001 = 1 cm 010 = 1 m 100 = 10 m	HX = connettore schermato e ghiera inox shielded connector and inox ring nut



Cod-AS-M12M*****/10G93**

COD.	C	CS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE
Sezioni Sections	6 x awg 24 (6 x 0.25) 8 x awg 24 (8 x 0.25)	6 x awg 24 ST (6 x 0.25) 8 x awg 24 ST (8 x 0.25)
Diametri Diameter	5.9 +/- 0.15	6.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10
Guaina Esterna Outer Jacket	PVC CEI 2022 - II Oil resistant UL 1581 Grey Ral 7035 Flam Retardant FT1	PVC CEI 2022 - II Oil resistant UL 1581 Grey Ral 7035 Flam Retardant FT1
Normative di riferimento Reference standards		
Temperatura di esercizio Working temperature	-15 / +70°C Static App. +5 / +70°C Mobile App.	-15 / +80°C Static App.
Raggio di curvatura Bending radius	10 x Ø esterno	12 x Ø esterno
Schermatura Shield	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslation's speed	90 mt / min	---
Accelerazione Acceleration	4 mt / seq	---

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / <i>Inox AISI 304 Ring Nut</i>	min. 100 pcs	X
Schermo connesso alla ghiera / <i>Shield connect nut</i>		H

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03, ghiera di tenuta meccanica in Ottone Nichelato.

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03. Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. O-ring: Viton (female).



TABELLA COLORI
COLOURS TABLE

1		WH
2		BN
3		GN
4		YE
6		GY
7		PK

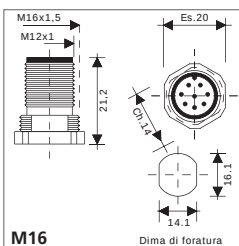
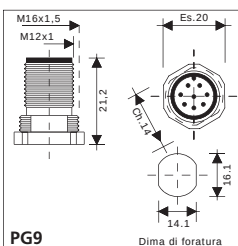


TABELLA COLORI
COLOURS TABLE

1		WH
2		BN
3		GN
4		YE
5		GY
6		PK
7		BU
8		RD

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	2 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

MASCHIO montaggio posteriore cavi unipolari / MALE rear mounting single wire

M16
Cod. AS-M12M**/271*PG9
Cod. AS-M12M**/27G91*COMPOSIZIONE CODICE
CODE COMPOSITION

AS-M12M00/271

n. poli
nr. of pinsCONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS

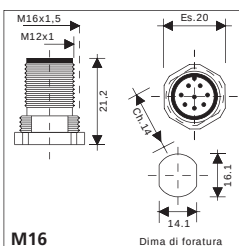
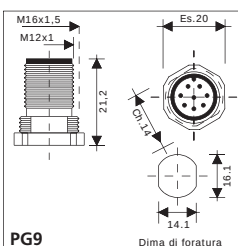
*

X = ghiera inox
inox ring nut

SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION

Lunghezza Std	Std Length	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	24AWG (0.25 mmq)
Ø Esterno	Ø External	1.50 +/- 0.1
Temperatura	Temperature	+5/+70°C

MASCHIO montaggio posteriore con cavo / MALE rear mounting with cable

M16
Cod. AS-M12M*****/273**PG9
Cod. AS-M12M*****/27G93**COMPOSIZIONE CODICE
CODE COMPOSITIONTipologia cavo (vedi cod. in tabella)
Cable type (code like table)

AS-M12M00050*/273

n. poli
nr. of pinslunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 mCONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS

**

H = schermo connesso alla ghiera
shield connect nut
X = ghiera inox / inox ring nut
HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

COD.	C	CS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE
Sezioni Sections	6 x awg 24 (6 x 0.25) 8 x awg 24 (8 x 0.25)	6 x awg 24 ST (6 x 0.25) 8 x awg 24 ST (8 x 0.25)
Diametri Diameter	5.9 +/- 0.15	6.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10
Guaina Esterna Outer Jacket	PVC CEI 2022 - II Oil resistant UL 1581 Grey Ral 7035 Flam Retardant FT1	PVC CEI 2022 - II Oil resistant UL 1581 Grey Ral 7035 Flam Retardant FT1
Normative di riferimento Reference standards	RU	RU
Temperatura di esercizio Working temperature	-15 / +70°C Static App. +5 / +70°C Mobile App.	-15 / +70°C Static App.
Raggio di curvatura Bending radius	10 x Ø esterno	12 x Ø esterno
Schermatura Shield	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslation's speed	90 mt / min	---
Accelerazione Acceleration	4 mt / secq	---

TABELLA COLORI
COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
6	GY
7	PK

TABELLA COLORI
COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 100 pcs	X
Schermo connesso alla ghiera / Shield connect nut		H

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03, ghiera di tenuta meccanica in Ottone Nichelato.

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03. Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. O-ring: Viton (female).

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

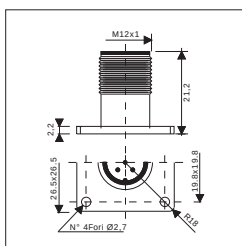
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	2 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

CONNETTORI M12 da incasso 6-8 POLI

ROHS
compliant

M12 flush type CONNECTORS 6-8 PINS

MASCHIO montaggio frontale con flangia quadra - cavi unipolari / MALE front mounting with square - single wire



Cod. AS-M12M**/231*

COMPOSIZIONE CODICE CODE COMPOSITION

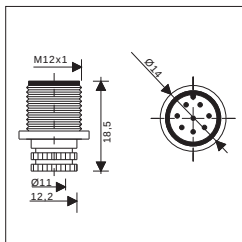
AS-M12M00/231

n. poli
nr. of pins

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

*
X = ghiera inox
inox ring nut

MASCHIO montaggio frontale a pressione - cavi unipolari / MALE front mounting push - single wire



Cod. AS-M12M**/311*

COMPOSIZIONE CODICE CODE COMPOSITION

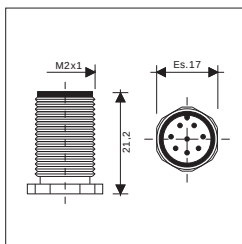
AS-M12M00/311

n. poli
nr. of pins

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

*
X = ghiera inox
inox ring nut

MASCHIO montaggio posteriore cavi unipolari / MALE rear mounting single wire



Cod. AS-M12M**/421*

COMPOSIZIONE CODICE CODE COMPOSITION

AS-M12M00/421

n. poli
nr. of pins

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

*
X = ghiera inox
inox ring nut



TABELLA COLORI COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
6	GY
7	PK



TABELLA COLORI COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 100 pcs X

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03, ghiera di tenuta meccanica in Ottone Nichelato.

MATERIALS

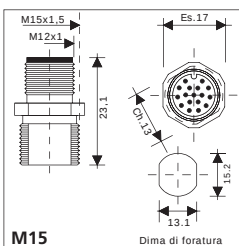
Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03. Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. O-ring: Viton (female).

SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION

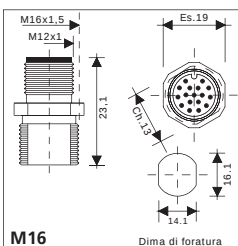
Lunghezza Std	Std Length	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	24AWG (0.25 mmq)
Ø Esterno	Ø External	1.50 +/- 0.1
Temperatura	Temperature	+5/+70°C

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	2 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

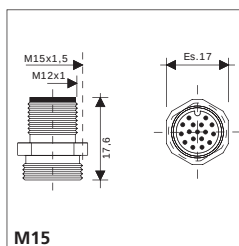
MASCHIO montaggio frontale cavi unipolari / **MALE** front mounting single wire



M15 Dima di forat
Cod. AS-M12M**/101*



M16 Dima di foratura
Cod. AS-M12M**/10169*



Cod. AS-M12M**/181*

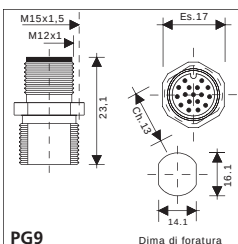
COMPOSIZIONE CODICE
CODE COMPOSITION

Cod. (vedi disegno)
Code (like drawing)

AS-M12M00/**

**CONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS**

*
I
X = ghiera inox
inox ring nut

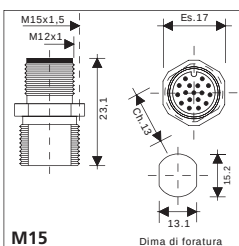


Cod. AS-M12M/10G91***

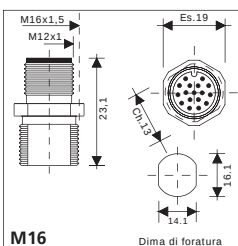
SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION

Lunghezza Std	<i>Std Length</i>	0,5 mt
Normativa	<i>Reference</i>	CEI 20-40
Guaina	<i>Jacket</i>	PVC
Tensione	<i>Voltage</i>	300/500 V
Sezione	<i>Section</i>	26AWG (0.14 mmq)
Ø Esterno	<i>Ø External</i>	1.10 +/- 0.1
Temperatura	<i>Temperature</i>	+5/+70°C

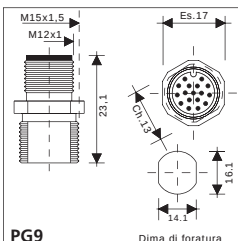
MASCHIO montaggio frontale con cavo / **MALE** front mounting with cable



Cod. AS-M12M***/103****



Cod. AS-M12M*****/10163**



Cod. AS-M12M*****/10G93**

COD.	C	R	CS	RS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PUR PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	12 x awg 24 (12 x 0.25) 17 x awg 26 (12 x 0.14)	12 x awg 24 (12 x 0.25) 17 x awg 26 (12 x 0.14)	12 x awg 24 ST (12 x 0.25) 17 x awg 26 ST (12 x 0.14)	12 x awg 24 ST (12 x 0.25) 17 x awg 26 ST (12 x 0.14)
Diametri Diameter	6.5 +/- 0.2 7.3 +/- 0.2	7.1 +/- 0.2 7.9 +/- 0.2	6.9 +/- 0.2 7.9 +/- 0.2	7.6 +/- 0.2 7.6 +/- 0.2
Conduttori Conductor	TPO Classe 5 FLEX	TPO Classe 6 FLEX	TPO Classe 5 FLEX	TPO Classe 6 FLEX
Guaina Esterna Outer Jacket	PVC UL/CSA STYLE 21179 Grey DESINA Flam Retardant FT1	PUR UL/CSA STYLE 21576 Grey DESINA Flam Retardant FT2	PVC UL/CSA STYLE 21179 Grey DESINA Flam Retardant FT1	PUR UL/CSA STYLE 21576 Grey DESINA Flam Retardant FT2
Normative di riferimento Reference standards				
Temperatura di esercizio Working temperature	-30/+80°C Static App. -5/+80°C Mobile App.	-40/+80°C Static App. -30/+80°C Mobile App.	-30/+80°C Static App. -5/+80°C Mobile App.	-40/+80°C Static App. -30/+80°C Mobile App.
Raggio di curvatura Bending radius	6 x Ø esterno Static App. 15 x Ø esterno Dynamic App.	5 x Ø esterno Static App. 5 x Ø esterno Dynamic App.	6 x Ø esterno Static App. 15 x Ø esterno Dynamic App.	5 x Ø esterno Static App. 7.5 x Ø esterno Dynamic App.
Schermatura Shield	---	---	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	300 mt / min	---	300 mt / min
Accelerazione Acceleration	---	40 mt / secq	---	40 mt / secq

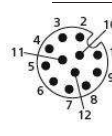


TABELLA COLORI COLOURS TABLE	
1	 WH
2	 BN
3	 GN
4	 YE
5	 GY
6	 PK
7	 BU
8	 RD
9	 BK
10	 VT
11	 GYPK
12	 RDBU

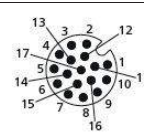


TABELLA COLORI COLOURS TABLE	
1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD
9	BK
10	VT
11	GYPK
12	RDBU
13	WHGN
14	BNGN
15	WHYE
16	YEBN
17	WHYE

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / <i>Inox AISI 304 Ring Nut</i>	min. 100 pcs	X
Schermo connesso alla ghiera / <i>Shield connect nut</i>		H

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03, ghiera di tenuta meccanica in Ottone Nichelato.

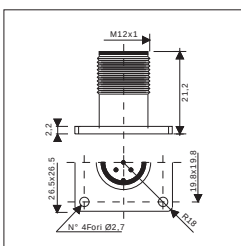
MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03. Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. O-ring: Viton (female).

SPECIFICHE TECNICHE

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	1.5 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

MASCHIO montaggio frontale con flangia quadra - cavi unipolari / MALE front mounting with square - single wire



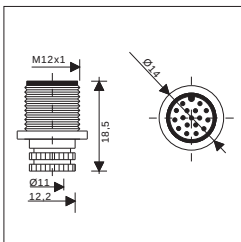
Cod. AS-M12M**/231*

COMPOSIZIONE CODICE
CODE COMPOSITION

AS-M12M00/231

n. poli
nr. of pinsCONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS*
X = ghiera inox
inox ring nut

MASCHIO montaggio frontale a pressione - cavi unipolari / MALE front mounting push - single wire



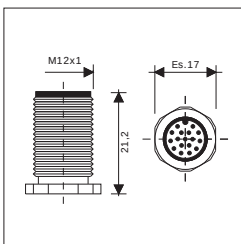
Cod. AS-M12M**/311*

COMPOSIZIONE CODICE
CODE COMPOSITION

AS-M12M00/311

n. poli
nr. of pinsCONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS*
X = ghiera inox
inox ring nut

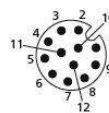
MASCHIO montaggio posteriore cavi unipolari / MALE rear mounting single wire



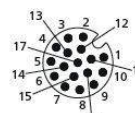
Cod. AS-M12M**/421*

COMPOSIZIONE CODICE
CODE COMPOSITION

AS-M12M00/421

n. poli
nr. of pinsCONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS*
X = ghiera inox
inox ring nutTABELLA COLORI
COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD
9	BK
10	VT
11	GYPK
12	RDBU

TABELLA COLORI
COLOURS TABLE

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD
9	BK
10	VT
11	GYPK
12	RDBU
13	WHGN
14	BNGN
15	WHYE
16	YEBN
17	WHGY

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut

min. 100 pcs

X

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03, ghiera di tenuta meccanica in Ottone Nichelato.

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03. Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. O-ring: Viton (female).

SPECIFICHE CAVI UNIPOLARI/SINGLE WIRE SPECIFICATION

Lunghezza Std	Std Length	0,5 mt
Normativa	Reference	CEI 20-40
Guaina	Jacket	PVC
Tensione	Voltage	300/500 V
Sezione	Section	26AWG (0.14 mmq)
Ø Esterno	Ø External	1.10 +/- 0.1
Temperatura	Temperature	+5/+70°C

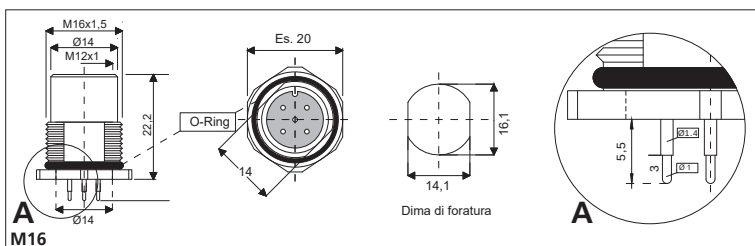
SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	1.5 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

CONNETTORI M12 PER C.S.

M12 CONNECTORS FOR PCB

ROHS
compliant

FEMMINA / FEMALE



COMPOSIZIONE CODICE
CODE COMPOSITION

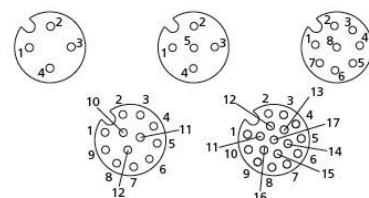
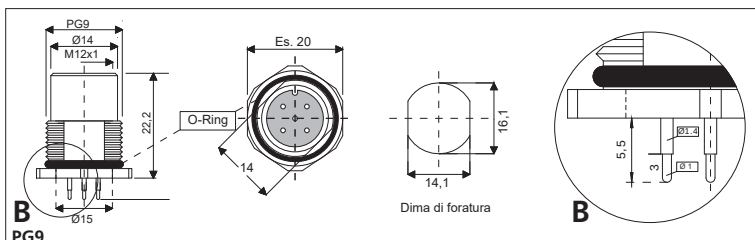
AS-M12F00/592

n. poli
nr. of pins

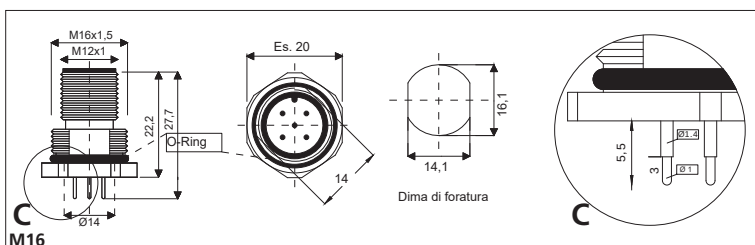
CONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS

D = Connector Cod. D
B = Connector Cod. B

X = ghiera inox
inox ring nut



MASCHIO / MALE



COMPOSIZIONE CODICE
CODE COMPOSITION

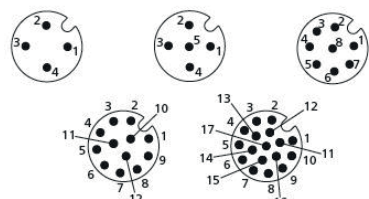
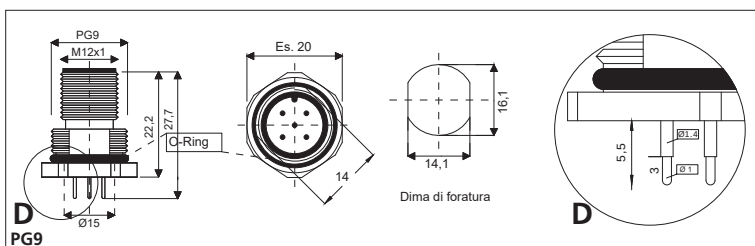
AS-M12M00/272

n. poli
nr. of pins

CONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS

D = Connector Cod. D
B = Connector Cod. B

X = ghiera inox
inox ring nut



NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut

min. 100 pcs

X

Solo per 4 POLI / Only for 4 PINS

Connettore cod. D / Connector D code



D

Solo per 5 POLI / Only for 5 PINS

Connettore cod. B / Connector B code



B

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03, ghiera di tenuta meccanica in Ottone Nichelato, o-ring di tenuta in Viton (solo x versione femmina).

MATERIALS

Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03. Metal ring nut: nickel-plated brass. Metal ring nut: nickel-plated brass. O-ring: Viton (female).

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale 3, 4, 5 POLI	Nominal Currents 3, 4, 5 PINS	4 A
Corrente Nominale 8 POLI	Nominal Currents 8 PINS	2 A
Corrente Nominale 12, 17 POLI	Nominal Currents 12, 17 PINS	1,5 A
Tensione Nominale 3, 4 POLI	Nominal Voltage 3, 4 PINS	250 V AC-DC
Tensione Nominale 5 POLI	Nominal Voltage 5 PINS	60 V AC-DC
Tensione Nominale 8, 12, 17 POLI	Nominal Voltage 8, 12, 17 PINS	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

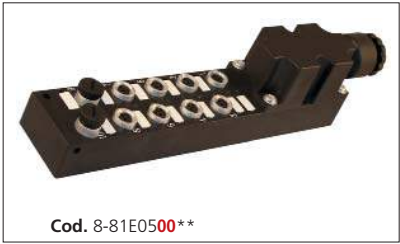
Box sensori/attuatori *Sensor/actuator boxes*



RIPARTITORI M8 6-8-10-12 VIE
SPLITTERS M8 6-8-10-12 WAY



RIPARTITORI con Morsetti / SPLITTERS with Terminal Block



Cod. 8-81E0500**

Section containing 'COMPOSIZIONE CODICE' and 'CODE COMPOSITION' with a breakdown of the code 8-81E0500**.

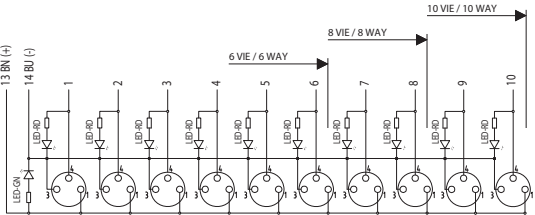
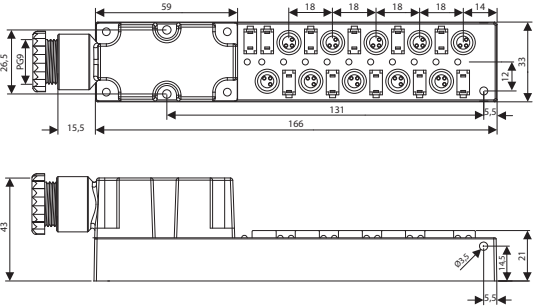


Table with 3 columns: SPECIFICHE TECNICHE, TECHNICAL SPECIFICATIONS, and values. Rows include Numero di poli, Corrente Nominale, Tensione Nominale, Grado di protezione, Dimensione dei Pin, and Temperatura di esercizio.

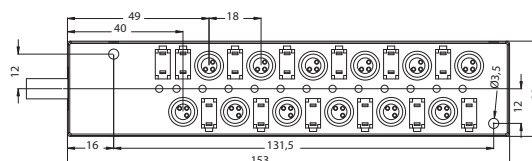
Table with 3 columns: COD., SPECIFICHE CAVO / CABLE SPECIFICATIONS, and CAVO PUR / PUR CABLE. Rows include Sezioni / Sections, Guaina Esterna / Outer Jacket, and Schermatura / Shield.

RIPARTITORI con Cavo / SPLITTERS with Cable



COMPOSIZIONE CODICE CODE COMPOSITION	
1 = 12 vie con led / with leds	
3 = 10 vie con led / with leds	
Tipologia cavo (vedi cod. in tabella) Cable type (code like table)	
0 = PVC	
5 = PUR	
7 = 6 vie con led / with leds	
8 - 8 1 E 0 5 * 1	
lunghezza cavo cable length	
0 = 5 m	
1 = 10 m	
2 = 15 m	
9 = xxx m	

CAVO FEMMINA 4-6-8 VIE CABLE FEMALE 4-6-8 WAY	
TABELLA COLORI COLOURS TABLE	OUT M12 FEMMINA M12 OUT FEMALE
1 WH	
2 GN	
3 YE	
4 GY	
5 PK	
6 RD	
7 BK	
8 VT	
9 BU - 0,7	
10 n.c.	
11 BN - 0,75	
12 YEGN - 0,75	



MATERIALI

Custodia: Nylon 6 + 60% fibra di vetro. Contatti: bronzo fosforoso con doratura

MATERIALS

Housing: Nylon 6 + 60% glass fiber. Contacts: phosphorous bronze with gold plated

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Numero di poli	Number of poles	3 poli / poles
Corrente Nominale	Nominal Currents	Total 9A, 2A for contact
Tensione Nominale	Nominal Voltage	10-30 V AC-DC
Grado di protezione	Protection Class	IP67
Dimensione dei Pin	Dimension of Pin	1mm
Temperatura di esercizio	Working Temperature	-25/+85°C Fix Install

COD.	0	5
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PUR PUR CABLE	CAVO PUR PUR CABLE
Sezioni Sections	vedi disegno like drawing	vedi disegno like drawing
Guaina Esterna Outer Jacket	PVC Nero PVC Black	PUR Nero PUR Black
Schermatura Shield	---	---

RIPARTITORI M8 6 VIE
SPLITTERS M8 6 WAY



RIPARTITORI con Connettore M12 8 Poli / SPLITTERS with Connector M12 8 Pins



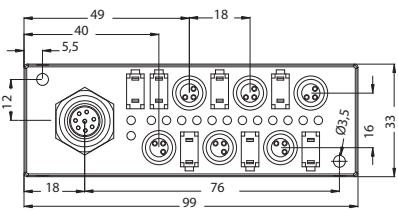
Cod. 8-81E0502*0

COMPOSIZIONE CODICE
CODE COMPOSITION

8-81E0502*0

Tipologia (vedi disegno)
Type (like drawing)

2 = con led / with leds
3 = senza led / without leds



Con M12 8 poli, 6 vie
With M12 8 pins, 6 ways

10-10V[DC]
Max. 2A per channel
30A total on 20A

WIRING DIAGRAM
Pin Out: Pin 1 to Pin 8
1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8

MATERIALI		
Custodia: Nylon 6 + 60% fibra di vetro. Contatti: bronzo fosforoso con doratura		
MATERIALS		
Housing: Nylon 6 + 60% glass fiber. Contacts: phosphorous bronze with gold plated		
SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Numero di poli	Number of poles	3 poli / poles
Corrente Nominale	Nominal Currents	Total 9A, 2A for contact
Tensione Nominale	Nominal Voltage	10-30 V AC-DC
Grado di protezione	Protection Class	IP67
Dimensione dei Pin	Dimension of Pin	1mm
Temperatura di esercizio	Working Temperature	-25/+85°C Fix Install

RIPARTITORI con 2 Connettori M12 8 Poli / SPLITTERS with 2 M12 8 Pins Connectors

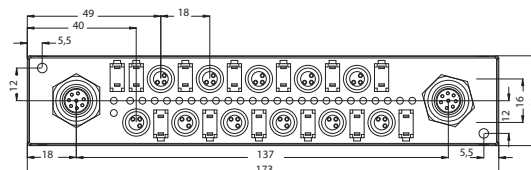

Cod. 8-81E0502*0

COMPOSIZIONE CODICE
CODE COMPOSITION

8-81E0502*0

I

Tipologia (vedi disegno)
Type (like drawing)

0 = con led / with leds
1 = senza led / without leds

Con M1 2 8 poli, 12 vie
With M1 2 8 ways, 12 vie


12

MATERIALI

Custodia: Nylon 6 + 60% fibra di vetro. Contatti: bronzo fosforoso con doratura

MATERIALS

Housing: Nylon 6 + 60% glass fiber. Contacts: phosphorous bronze with gold plated

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Numero di poli	Number of poles	3 poli / poles
Corrente Nominale	Nominal Currents	Total 9A, 2A for contact
Tensione Nominale	Nominal Voltage	10-30 V AC-DC
Grado di protezione	Protection Class	IP67
Dimensione dei Pin	Dimension of Pin	1mm
Temperatura di esercizio	Working Temperature	-25/+85°C Fix Install

RIPARTITORI M12 4-6-8 VIE
SPLITTERS M12 4-6-8 WAY



RIPARTITORI con Morsetti / SPLITTERS with Terminal Block



Cod. 8-81E0400**

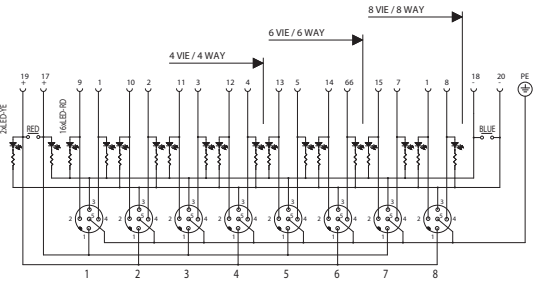
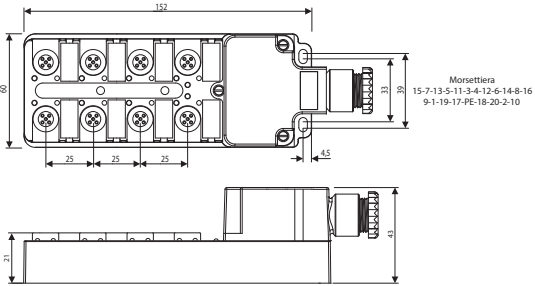
COMPOSIZIONE CODICE
CODE COMPOSITION

8-81E0400**

37 = 4vie con led / with leds M12 5 Poles

39 = 6 vie con led / with leds M12 5 Poles

41 = 8 vie con led / with leds M12 5 Poles



MATERIALI

Custodia: Nylon 6 + 60% fibra di vetro. Contatti: bronzo fosforoso con doratura

MATERIALS

Housing: Nylon 6 + 60% glass fiber. Contacts: phosphorous bronze with gold plated

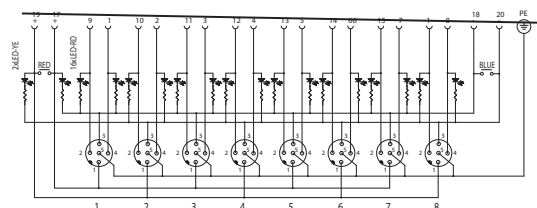
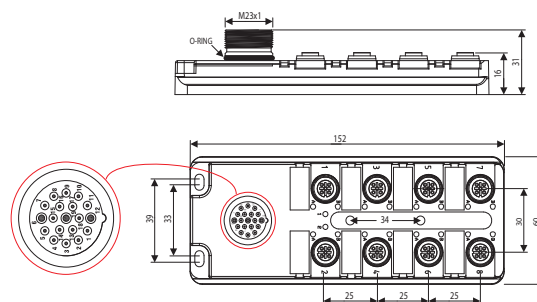
SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Numero di poli	Number of poles	5 poli / 5 poles
Corrente Nominale	Nominal Currents	Total 9A, 2A for contact
Tensione Nominale	Nominal Voltage	10-30 V AC-DC
Grado di protezione	Protection Class	IP67
Dimensione dei Pin	Dimension of Pin	1mm
Temperatura di esercizio	Working Temperature	-25/+85°C Fix Install

RIPARTITORI con Connettore / SPLITTERS with Connector


Cod. 8-81E0400**

COMPOSIZIONE CODICE
CODE COMPOSITION

1 = 8 vie senza led / without leds
 8-81E0400**
 Connettore
 Connector
 0 = M23 19 Poles (M12 5Pins-2 signals)


MATERIALI

Custodia: Nylon 6 + 60% fibra di vetro. Contatti: bronzo fosforoso con doratura

MATERIALS

Housing: Nylon 6 + 60% glass fiber. Contacts: phosphorous bronze with gold plated

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Numero di poli	Number of poles	5 poli / 5 poles
Corrente Nominale	Nominal Currents	Total 9A, 2A for contact
Tensione Nominale	Nominal Voltage	10-30 V AC-DC
Grado di protezione	Protection Class	IP67
Dimensione dei Pin	Dimension of Pin	1mm
Temperatura di esercizio	Working Temperature	-25/+85°C Fix Install

RIPARTITORI M12 4-6-8 VIE

SPLITTERS M12 4-6-8 WAY



RIPARTITORI con Cavo / SPLITTERS with Cable



COMPOSIZIONE CODICE CODE COMPOSITION

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

0 = PVC	1 = 8 vie	con led / with leds
5 = PUR	1 = 8 vie	senza led / without leds
	2 = 6 vie	con led / with leds
	3 = 6 vie	senza led / without leds
	4 = 4 vie	con led / with leds
	5 = 4 vie	senza led / without leds

8 - 8 1 E 0 4 * 2 * *

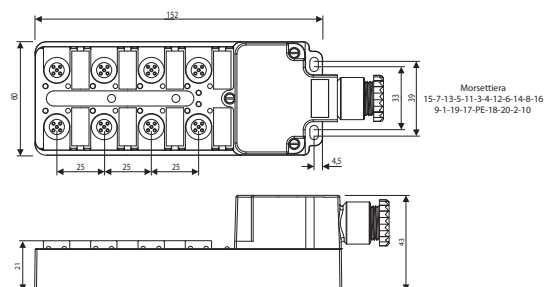
lunghezza cavo
cable length

0 = 5 m
1 = 10 m
2 = 15 m

Cavo 12 Poli,
Connettori M12 5 Pin,
1 segnale

12 Poles Cable,
M12 5 Pin Connectors,
1 signal

CAVO FEMMINA 4-6-8 VIE CABLE FEMALE 4-6-8 WAY	
TABELLA COLORI COLOURS TABLE	OUT M12 FEMMINA M12 OUT FEMALE
1 WH	
2 GN	
3 YE	
4 GY	
5 PK	
6 RD	
7 BK	
8 VT	
9 BU - 0,75	
10 n.c.	
11 BN - 0,75	
12 YEGN - 0,75	



MATERIALI

Custodia: Nylon 6 + 60% fibra di vetro. Contatti: bronzo fosforoso con doratura

MATERIALS

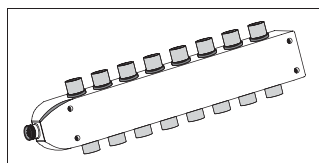
Housing: Nylon 6 + 60% glass fiber. Contacts: phosphorous bronze with gold plated

SPECIFICHE TECNICHE TECHNICAL SPECIFICATIONS

Numero di poli	Number of poles	5 poli / 5 poles
Corrente Nominale	Nominal Currents	Total 9A, 2A for contact
Tensione Nominale	Nominal Voltage	10-30 V AC-DC
Grado di protezione	Protection Class	IP67
Dimensione dei Pin	Dimension of Pin	1mm
Temperatura di esercizio	Working Temperature	-25/+85°C

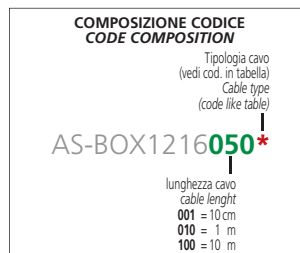
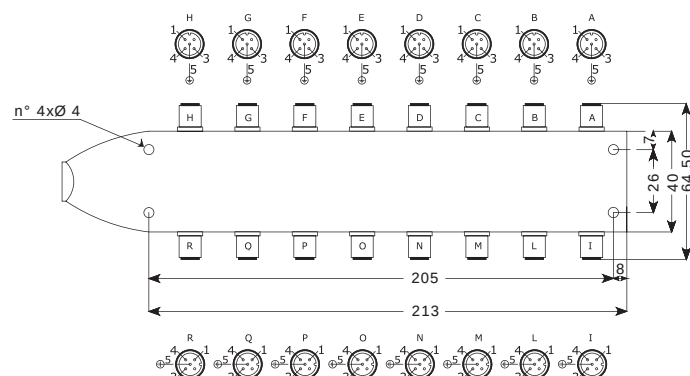
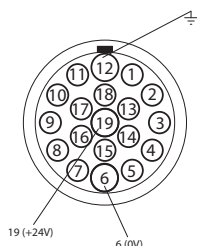
COD.	0	5
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PUR PUR CABLE
Sezioni Sections	8x0.35 + 3G0.75	8x0.35 + 3G0.75
Guaina Esterna Outer Jacket	PVC Nero PVC Black	PUR Nero PUR Black
Schermatura Shield	---	---

Cod. AS-BOXC1216

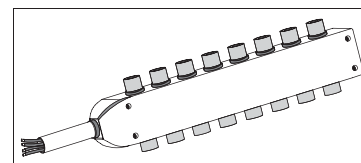


PIN OUT

M23 IN Male	M12 OUT Female
1	A - 4
2	B - 4
3	C - 4
4	D - 4
5	E - 4
6 (-0V)	A-B-C-D-E-F-G-H - 3 I-L-M-N-O-P-Q-R
7	F - 4
8	G - 4
9	H - 4
10	I - 4
11	L - 4
19 (+24V)	A-B-C-D-E-F-G-H - 1 I-L-M-N-O-P-Q-R
13	M - 4
14	N - 4
15	O - 4
16	P - 4
17	Q - 4
18	R - 4
12 ⊕	A-B-C-D-E-F-G-H - 5 I-L-M-N-O-P-Q-R



Cod. AS-BOX1216****



PIN CABLE

COLOR CABLE	M12 OUT Female
VT	A - 4
RD	B - 4
GY	C - 4
RDBU	D - 4
PK	E - 4
BU (-0V)	A-B-C-D-E-F-G-H - 3 I-L-M-N-O-P-Q-R
GYPK	F - 4
WHGN	G - 4
WHYE	H - 4
WHGY	I - 4
BK	L - 4
BN (+24V)	A-B-C-D-E-F-G-H - 1 I-L-M-N-O-P-Q-R
YEBN	M - 4
BNGN	N - 4
WH	O - 4
YE	P - 4
PK	Q - 4
GYBN	R - 4
YEGN ⊕	A-B-C-D-E-F-G-H - 5 I-L-M-N-O-P-Q-R

MATERIALI

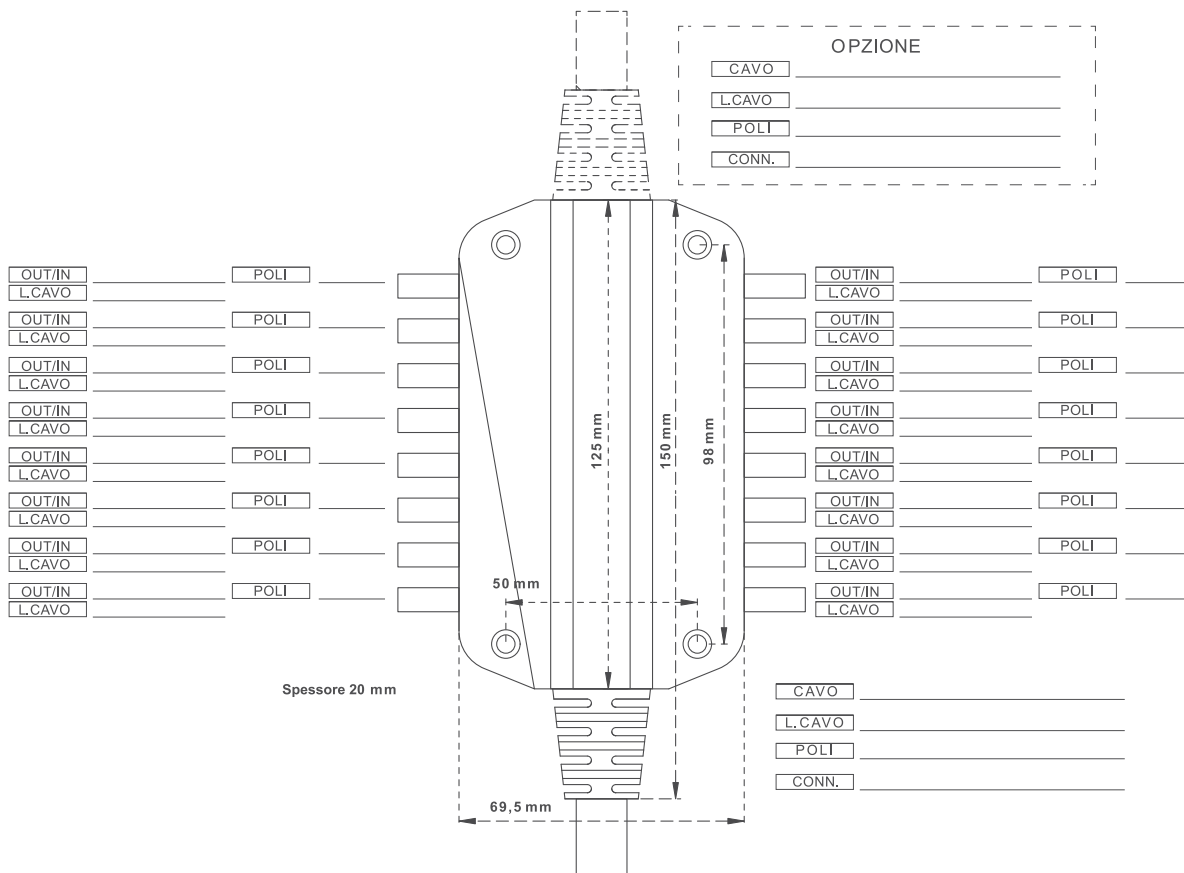
Portacontatto in ABS V0 UL94 autoestinguente, contatto stampato in bronzo fosforoso con doratura gold flash, ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H, o-ring di tenuta in Viton.

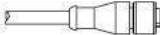
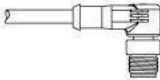
MATERIALS

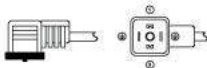
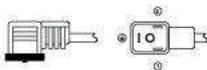
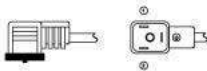
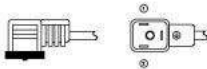
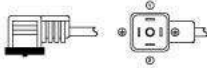
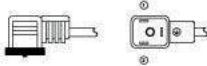
Contact plug in self-extinguishing ABS UL94, phosphorous bronze contact with gold flash, metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H, o-ring in Viton.

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents I/O 4 A cable/connector Total 12 A cable/connector
Tensione Nominale	Nominal Voltage 10-30 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio	Working Temperature -20/+80°C Fix Install

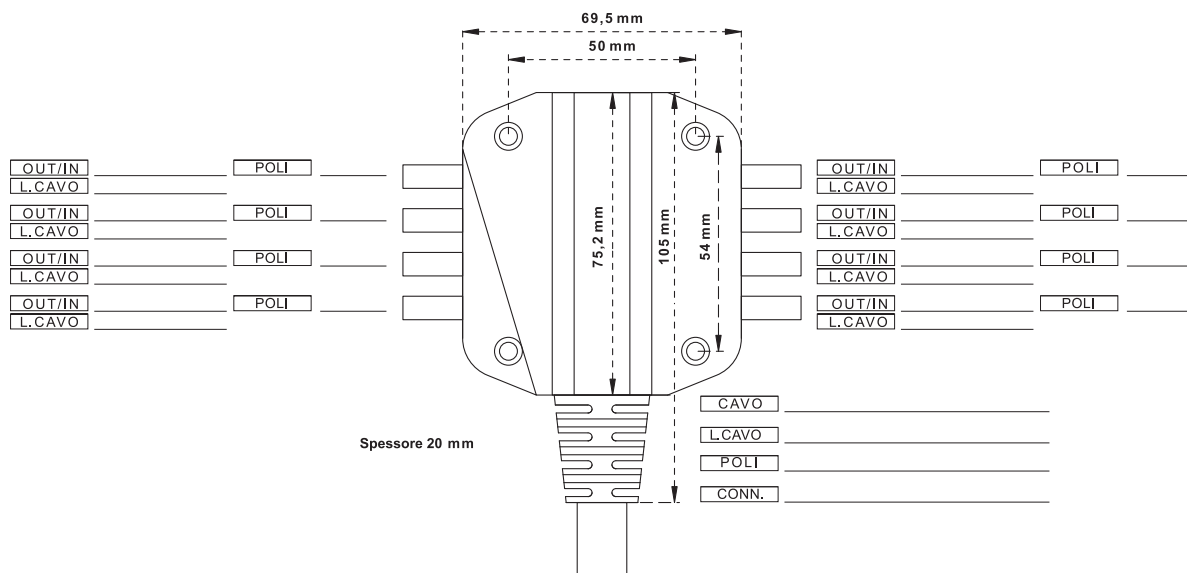
COD.	F	M
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	3 G 0.75 + 16 x 0.34 80° - 300 V	3 G 0.75 + 16 x 0.34 80° - 300 V
Diametri Diameter	10.6 +/- 0.3	10.6 +/- 0.3
Conduttori Conductor	PVC Classe 6 FLEX	PVC Classe 6 FLEX
Norme di riferimento Reference standards	AWM style 2464	AWM style 20549
Guaina Esterna Outer Jacket	PVC Black Oil Resistant - Flam Retardant	PUR Black Oil Resistant - Flam Retardant FT1
Temperatura di esercizio Working temperature	-20 / +80°C Static App.	-20 / +80°C Static App.
Raggio di curvatura Bending radius	---	---
Schermatura Shield	---	---
Velocità di traslazione Traslation's speed	---	---
Accelerazione Acceleration	---	---



		OUT/IN		CAVO CABLE
☐ A	M12 Dritto Maschio <i>Axial Male</i>		vedi pag. 19-26	
☐ A1	M12 Dritto Femmina <i>Axial Female</i>			
☐ B	M12 90° Maschio <i>90° Male</i>		vedi pag. 19-26	
☐ B1	M12 90° Femmina <i>90° Female</i>			
☐ C	M8 Dritto Maschio <i>Axial Male</i>		vedi pag. 8-11, 18	
☐ C1	M8 Dritto Femmina <i>Axial Female</i>			
☐ D	M8 90° Maschio <i>90° Male</i>		vedi pag. 8-11, 18	
☐ D1	M8 90° Femmina <i>90° Female</i>			

OUT/IN			CAVO CABLE
E	DIN 43650 - A 18 mm 2 P. + GND H6/12		vedi pag. 146
F	DIN 43650 - B IND. 11 mm 2 P. + GND H6/12		vedi pag. 147
F5	DIN 43650 - B 10 mm 2 P. + GND H6		vedi pag. 147
F6	DIN 43650 - B 10 mm 2 P. + GND H12		vedi pag. 148
G	DIN 43650 - C IND. 9.4 mm 2 P. + GND H6/12		vedi pag. 150
G5	DIN 43650 - C 8 mm 2 P. + GND H6/12		vedi pag. 149

OUT/IN		CAVO CABLE
☒ X	M23 Dritto Maschio <i>Axial Male</i>	vedi pag. 100
☒ X1	M23 Dritto Femmina <i>Axial Female</i>	
☒ X2	M23 90° Maschio <i>90° Male</i>	
☒ X3	M23 90° Femmina <i>90° Female</i>	



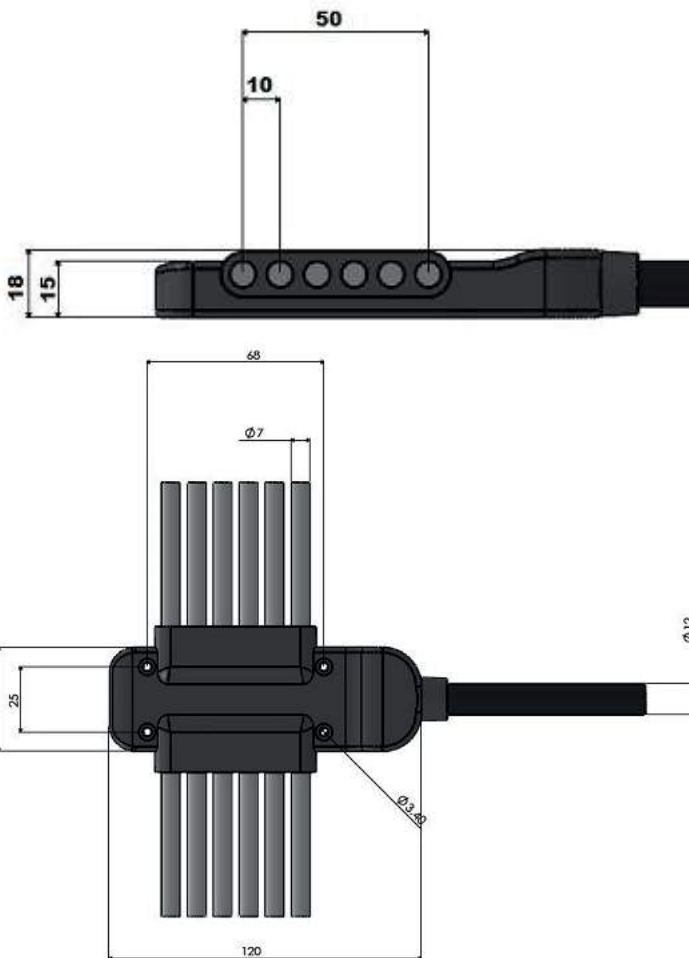
OUT/IN		CAVO CABLE
A	M12 Dritto Maschio <i>Axial Male</i>	vedi pag. 19-26
A1	M12 Dritto Femmina <i>Axial Female</i>	
B	M12 90° Maschio <i>90° Male</i>	vedi pag. 19-26
B1	M12 90° Femmina <i>90° Female</i>	
C	M8 Dritto Maschio <i>Axial Male</i>	vedi pag. 8-11, 18
C1	M8 Dritto Femmina <i>Axial Female</i>	
D	M8 90° Maschio <i>90° Male</i>	
D1	M8 90° Femmina <i>90° Female</i>	

OUT/IN		CAVO CABLE
E	DIN 43650 - A 18 mm 2 P. + GND H6/12	vedi pag. 146
F	DIN 43650 - B IND. 11 mm 2 P. + GND H6/12	vedi pag. 147
F5	DIN 43650 - B 10 mm 2 P. + GND H6	vedi pag. 147
F6	DIN 43650 - B 10 mm 2 P. + GND H12	vedi pag. 148
G	DIN 43650 - C IND. 9.4 mm 2 P. + GND H6/12	vedi pag. 150
G5	DIN 43650 - C 8 mm 2 P. + GND H6/12	vedi pag. 149

OUT/IN		CAVO CABLE
X	M23 Dritto Maschio <i>Axial Male</i>	vedi pag. 100
X1	M23 Dritto Femmina <i>Axial Female</i>	
X2	M23 90° Maschio <i>90° Male</i>	
X3	M23 90° Femmina <i>90° Female</i>	

Per le lunghezze a richiesta il minimo quantitativo ordinabile è di 50 pz .

For on request length the minimum ordering is 50 pcs.



OUT/IN

CAVO
CABLE

A	M12 Dritto Maschio <i>Axial Male</i>		vedi pag. 19-26
A1	M12 Dritto Femmina <i>Axial Female</i>		vedi pag. 19-26
B	M12 90° Maschio <i>90° Male</i>		vedi pag. 19-26
B1	M12 90° Femmina <i>90° Female</i>		vedi pag. 19-26
C	M8 Dritto Maschio <i>Axial Male</i>		vedi pag. 8-11, 18
C1	M8 Dritto Femmina <i>Axial Female</i>		vedi pag. 8-11, 18
D	M8 90° Maschio <i>90° Male</i>		vedi pag. 8-11, 18
D1	M8 90° Femmina <i>90° Female</i>		vedi pag. 8-11, 18

OUT/IN

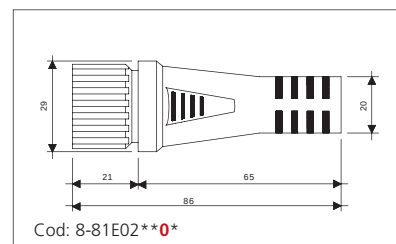
CAVO
CABLE

E	DIN 43650 - A 18 mm 2 P. + GND H6/12		vedi pag. 146
F	DIN 43650 - B IND. 11 mm 2 P. + GND H6/12		vedi pag. 147
F5	DIN 43650 - B 10 mm 2 P. + GND H6		vedi pag. 147
F6	DIN 43650 - B 10 mm 2 P. + GND H12		vedi pag. 148
G	DIN 43650 - C IND. 9.4 mm 2 P. + GND H6/12		vedi pag. 150
G5	DIN 43650 - C 8 mm 2 P. + GND H6/12		vedi pag. 149

OUT/IN

CAVO
CABLE

X	M23 Dritto Maschio <i>Axial Male</i>		vedi pag. 100
X1	M23 Dritto Femmina <i>Axial Female</i>		
X2	M23 90° Maschio <i>90° Male</i>		
X3	M23 90° Femmina <i>90° Female</i>		



12 POLI FEMMINA / 12 PINS FEMALE

**TABELLA COLORI
COLOURS TABLE**

1	WH
2	GN
3	YE
4	GY
5	PK
6	RD
7	BK
8	VT
9	BU - 0,7
10	n.c.
11	BN - 0,75
12	YEGN - 0,75

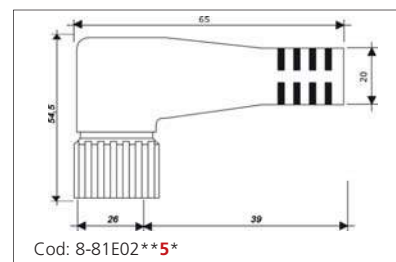
Cod: 8-81E02**0**

19 POLI FEMMINA / 19 PINS FEMALE

**TABELLA COLORI
COLOURS TABLE**

1	VT
2	RD
3	GY
4	RDBU
5	GN
6	BU - 0,75
7	GYPK
8	WHGN
9	WHYE
10	WHGY
11	BK
12	YEGN - 0,75
13	YEBN
14	BNGN
15	WH
16	YE
17	PK
18	GYBN
19	BN - 0,75

Cod: 8-81E02**5**



CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Lunghezza variabile / Variable length

ON REQUEST

MATERIALI

Portacontatto in plastica, contatto tornito in ottone dorato, ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H. Grado di protezione: IP67.

MATERIALS

Plastic contact plug, turned contact with gold plating, metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H. Protection: IP67.

COMPOSIZIONE CODICE CODE COMPOSITION

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)
0 = PVC
5 = PUR

Connettore (vedi disegno)
Cable type (like drawing)
0 = Dritto/Axial
5 = 90°

8 - 8 1 E 0 2 * * * *

Poli (vedi col. conduttori)
Poles (refer to coloring conductors)
0 = 12 Poli/Poles
1 = 19 Poli/Poles

lunghezza cavo
cable length
0 = 5 m
1 = 10 m
2 = 15 m

COD.	12 POLI / 12 POLES		19 POLI / 19 POLES	
	0	5	0	5
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PUR PUR CABLE	CAVO PVC PVC CABLE	CAVO PUR PUR CABLE
Sezioni Sections	3 G 0.75 + 8 x 0.35	3 G 0.75 + 8 x 0.35	3 G 0.75 + 16 x 0.35	3 G 0.75 + 16 x 0.35
Diametri Diameter	5.5 +/- 0.1	7.0 +/- 0.2	10.4 +/- 0.1	10.5 +/- 0.1
Conduttori Conductor	PVC Classe 6 FLEX	PVC Classe 6 FLEX	PVC Classe 6 FLEX	PVC Classe 6 FLEX
Norme di riferimento Reference standards	UL AWM style 2464 CSA	UL AWM style 20233	UL AWM style 2464	UL AWM style 20233
Guaina Esterna Outer Jacket	PVC Black Flam Retardant	PUR Black Flam Retardant	PVC Black Flam Retardant	PUR Black Flam Retardant
Temperatura di esercizio Working temperature	-15 / +80°C Mobile App.	-15 / +80°C Mobile App.	-15 / +80°C Mobile App.	-15 / +80°C Mobile App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---
Velocità di traslazione Traslation's speed	160 mt / min	220 mt / min	160 mt / min	220 mt / min
Accelerazione Acceleration	6 mt / secq	10 mt / secq	6 mt / secq	10 mt / secq



ETHERNET

ETHERNET

Connettori e Prolunghe per Reti Ethernet

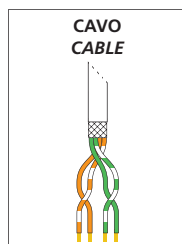
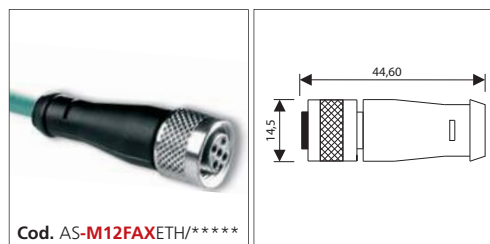
*Connectors and extenders
for Ethernet networks*



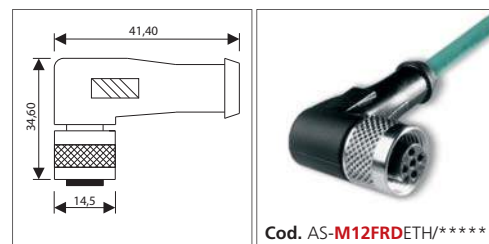
ETHERNET

ETHERNET

FEMMINA AX / FEMALE AX



FEMMINA RD / FEMALE RD



MASCHIO AX / MALE AX

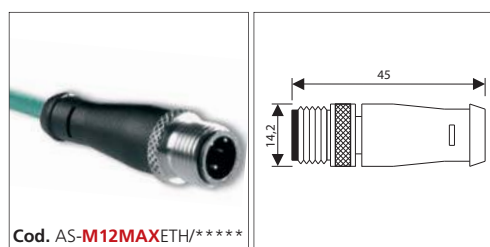


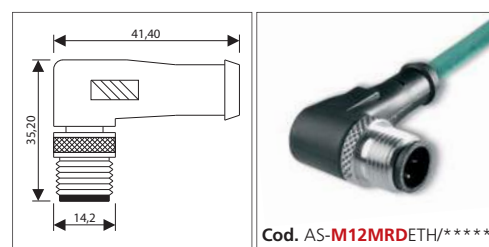
Diagram showing the pin configuration for the MASCHIO AX / MALE AX connector.

**TABELLA COLORI
COLOURS TABLE**

1	TD+	WHOG
2	RD+	WHGN
3	TD-	OG
4	RD-	GN

CONNETTORE SCHERMATO
SHIELDED CONNECTOR

MASCHIO RD / MALE RD



RJ45

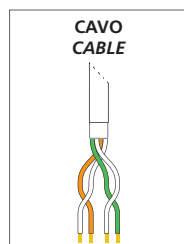
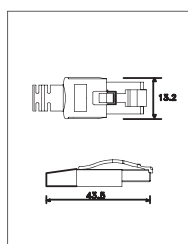


Diagram showing the pin configuration for the RJ45 connector.

**TABELLA COLORI
COLOURS TABLE**

1	TD+	WHOG
2	RD+	WHGN
3	TD-	OG
4	RD-	GN

CONNETTORE SCHERMATO
SHIELDED CONNECTOR

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) Cod. (vedi disegno) Code (like drawing) AS-*****ETH/050* lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m X = ghiera inox / inox ring nut	

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 50 pcs X

MATERIALI M12

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina)

MATERIALS M12

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorous bronze contact with gold flash (female), metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H. O-ring in Viton (female).

SPECIFICHE TECNICHE M12	TECHNICAL SPECIFICATIONS M12
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 4 A
Tensione Nominale	Nominal Voltage 250 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

ETHERNET 4 POLES (2 PAIR)

COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PUR POSA FISSA PUR FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x 24AWG SN/ST	2 x 2 x 24AWG SN/ST
Diametri Diameter	6.0 +/- 0.2	5.8 +/- 0.2
Guaina Esterna Outer Jacket	PUR Green Ral 6016 Oil resistant STYLE 20549 Flam retardant FT1 Halogen Free	PUR Green Ral 6016 Oil resistant STYLE 20549 Flam retardant FT1 Halogen Free
Norme di riferimento Reference standards	Desina CAT 5E	Desina CAT 5E
Caratteristiche elettriche Electrical characteristics	Nominal capacity 50 pF/m Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s	Nominal capacity 50 pF/m Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s
Temperatura di lavoro Work range	-40 / +80°C Static App.	-50 / +80°C Static App. -40 / +80°C Dynamic App.
Raggio di curvatura Bending radius	8 x Ø esterno	10 x Ø esterno
Schermatura Shield	I - in poliestere / aluminium II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	I - in poliestere / aluminium II - A treccia - Copertura ≥ 90% Braided coverage ≥ 90%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / secq

ETHERNET

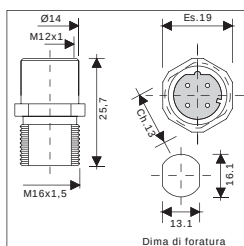
ETHERNET

FEMMINA montaggio frontale con cavo

FEMALE front mounting with cable

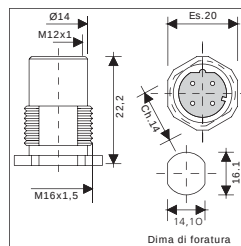


Cod. AS-ETHF11163/**



FEMMINA montaggio posteriore con cavo

FEMALE rear mounting with cable



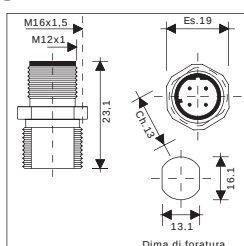
Cod. AS-ETHF593/**

MASCHIO montaggio frontale con cavo

MALE front mounting with cable

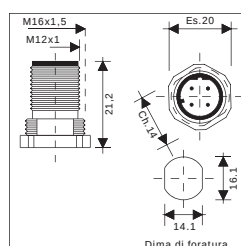


Cod. AS-ETHM10163/**



MASCHIO montaggio posteriore con cavo

MALE rear mounting with cable



Cod. AS-ETHM273/**

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) Cod. (vedi disegno) Code (like drawing)	
AS-ETH*****/050*	
lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	X = ghiera inox / inox ring nut

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
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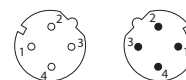
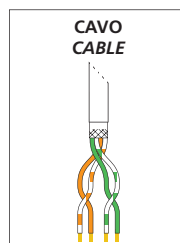
MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato. O-ring di tenuta in Viton (femmina)

MATERIALS

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorous bronze contact with gold flash (female), metal ring nut in nickel-plated brass. O-ring in Viton (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 4 A
Tensione Nominale	Nominal Voltage 250 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install



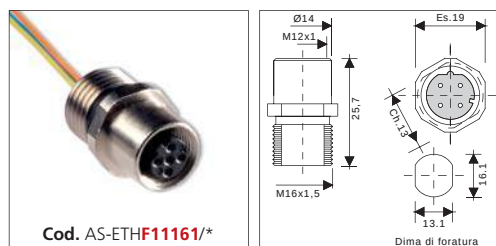
ETHERNET 4 POLES (2 PAIR)

COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PUR POSA FISSA PUR FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x 24AWG SN/ST	2 x 2 x 24AWG SN/ST
Diametri Diameter	6.0 +/- 0.2	5.8 +/- 0.2
Guaina Esterna Outer Jacket	PUR Green Ral 6016 Oil resistant STYLE 20549 Flam retardant FT1 Halogen Free	PUR Green Ral 6016 Oil resistant STYLE 20549 Flam retardant FT1 Halogen Free
Norme di riferimento Reference standards	Desina CAT 5E	Desina CAT 5E
Caratteristiche elettriche Electrical characteristics	Nominal capacity 50 pF/m Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s	Nominal capacity 50 pF/m Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s
Temperatura di lavoro Work range	-40 / +80°C Static App.	-50 / +80°C Static App. -40 / +80°C Dynamic App.
Raggio di curvatura Bending radius	8 x Ø esterno	10 x Ø esterno
Schermatura Shield	I - in poliestere / alluminium II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	I - in poliestere / alluminium II - A treccia - Copertura ≥ 90% Braided coverage ≥ 90%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / seq

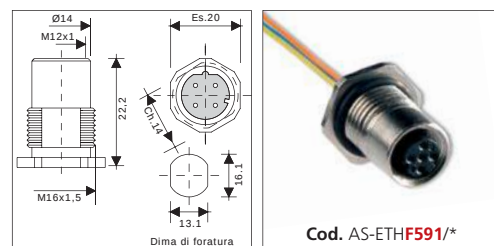
ETHERNET

ETHERNET

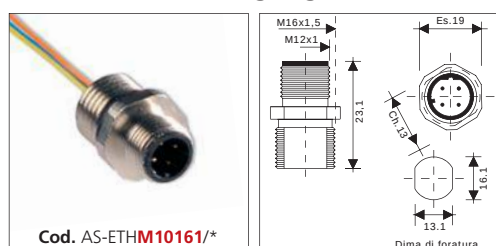
FEMMINA montaggio frontale con cavi unipolari FEMALE front mounting single wire



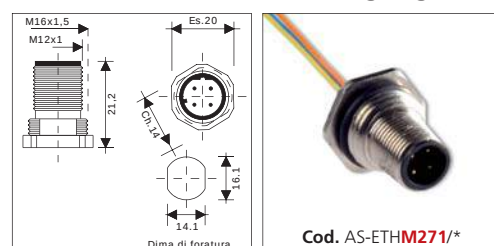
FEMMINA montaggio posteriore con cavi unipolari FEMALE rear mounting single wire



MASCHIO montaggio frontale con cavi unipolari MALE front mounting single wire



MASCHIO montaggio posteriore con cavi unipolari MALE rear mounting single wire



COMPOSIZIONE CODICE CODE COMPOSITION

Cod. (vedi disegno)
Code (like drawing)

AS-ETH*****/*

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

X = ghiera inox / inox ring nut

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 50 pcs X

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato. O-ring di tenuta in Viton (femmina)

MATERIALS

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorous bronze contact with gold flash (female), metal ring nut in nickel-plated brass. O-ring in Viton (female).

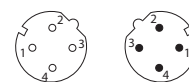


TABELLA COLORI COLOURS TABLE

1	TD+	WHOG
2	RD+	WHGN
3	TD-	OG
4	RD-	GN

SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION

Guaina	Jacket	Poliiolefina / Polyolefin
Tensione	Voltage	300 V
Sezione	Section	1x2 x awg 24 (twisted pair)
Ø Esterno	Ø External	1.90 +/- 0.1
Temperatura	Temperature	+5/+70°C

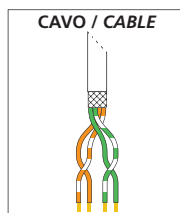
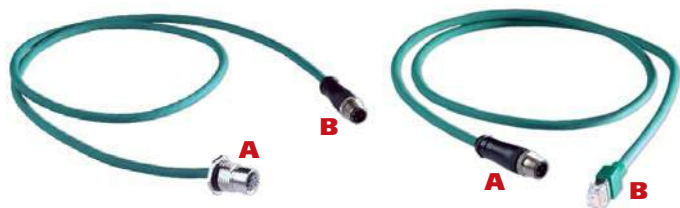
SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale	Nominal Voltage	250 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

ETHERNET

ETHERNET



PROLUNGHE DIRITTE / LINE EXTENDERS									
A					B				
M 12	RJ45				M12	RJ45			
1	1	TD+	WHOG		1	1			
2	3	RD+	WHGN		2	3			
3	2	TD-	OG		3	2			
4	6	RD-	GN		4	6			
CONNETTORE SCHERMATO / SHIELDED CONNECTOR									

A								
M12								RJ 45
		M AX	M RD	F AX	F RD	M 273	F 593	RJ 45
B	RJ 45							
	RJ 45	53	54	55	56	58	60	69
	F 593	08	15	21	26	71	73	
	M 273	06	13	19	24	78		
	F RD	04	11	17	22			
	F AX	03	10	16				
	M RD	02	09					
	M AX	01						

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) Cod. (vedi tabella) Code (like tab) AS-PLETH050/*** lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	X = ghiera inox / inox ring nut

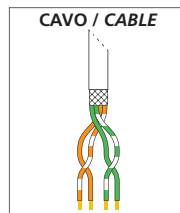
ETHERNET 4 POLES (2 PAIR)

COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PUR POSA FISSA PUR FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x 24AWG SN/ST	2 x 2 x 24AWG SN/ST
Diametri Diameter	6.0 +/- 0.2	5.8 +/- 0.2
Guaina Esterna Outer Jacket	PUR Green Ral 6016 Oil resistant STYLE 20549 Flam retardant FT1 Halogen Free	PUR Green Ral 6016 Oil resistant STYLE 20549 Flam retardant FT1 Halogen Free
Norme di riferimento Reference standards	Desina CAT 5E	Desina CAT 5E
Caratteristiche elettriche Electrical characteristics	Nominal capacity 50 pF/m Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s	Nominal capacity 50 pF/m Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s
Temperatura di lavoro Work range	-40 / +80°C Static App.	-50 / +80°C Static App. -40 / +80°C Dynamic App.
Raggio di curvatura Bending radius	8 x Ø esterno	10 x Ø esterno
Schermatura Shield	I - in poliestere / alluminium II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	I - in poliestere / alluminium II - A treccia - Copertura ≥ 90% Braided coverage ≥ 90%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / seq

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 50 pcs X

SPECIFICHE TECNICHE M12	TECHNICAL SPECIFICATIONS M12
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 4 A
Tensione Nominale	Nominal Voltage 250 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install



A

M 12	RJ45			M12	RJ45
1	1	TD+		WHOG	2
2	3	RD+		WHGN	1
3	2	TD-		OG	4
4	6	RD-		GN	3

CONNETTORE SCHEMATO / SHIELDED CONNECTOR

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) Cod. (vedi tabella) Code (like tab)	
AS-PLETH050/*** lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	X = ghiera inox / inox ring nut

COD.

(F)

(M)

SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PUR POSA FISSA PUR FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x 24AWG SN/ST	2 x 2 x 24AWG SN/ST
Diametri Diameter	6.0 +/- 0.2	5.8 +/- 0.2
Guaina Esterna Outer Jacket	PUR Green Ral 6016 Oil resistant STYLE 20549 Flam retardant FT1 Halogen Free	PUR Green Ral 6016 Oil resistant STYLE 20549 Flam retardant FT1 Halogen Free
Norme di riferimento Reference standards	 Desina CAT 5E	 Desina CAT 5E
Caratteristiche elettriche Electrical characteristics	Nominal capacity 50 pF/m Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s	Nominal capacity 50 pF/m Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s
Temperatura di lavoro Work range	-40 / +80°C Static App.	-50 / +80°C Static App. -40 / +80°C Dynamic App.
Raggio di curvatura Bending radius	8 x Ø esterno	10 x Ø esterno
Schermatura Shield	I - in poliestere / alluminium II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	I - in poliestere / alluminium II - A treccia - Copertura ≥ 90% Braided coverage ≥ 90%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / seqq

X

SPECIFICHE TECNICHE M12	TECHNICAL SPECIFICATIONS M12	
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale	Nominal Voltage	250 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

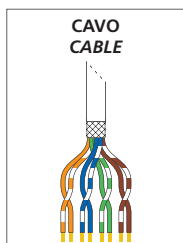
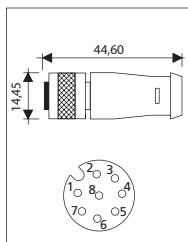
ETHERNET

ETHERNET

FEMMINA AX / FEMALE AX



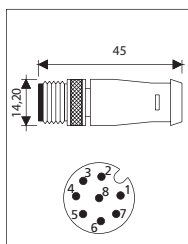
Cod. AS-M12FAX8ETH/****

CAVO
CABLE

MASCHIO AX / MALE AX



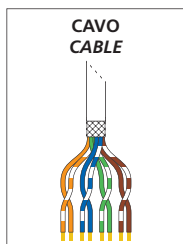
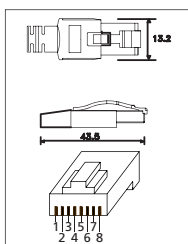
Cod. AS-M12MAX8ETH/****



RJ45



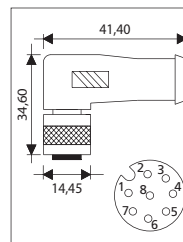
Cod. AS-RJ458ETH/****

CAVO
CABLETABELLA COLORI
COLOURS TABLE

6	WHOG
4	OG
1	WHBU
7	BU
5	WHGN
8	GN
2	WHBN
3	BN

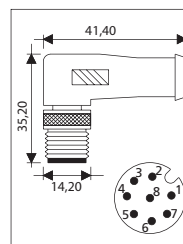
CONNETTORE SCHERMATO
SHIELDED CONNECTOR

FEMMINA RD / FEMALE RD



Cod. AS-M12FRD8ETH/****

MASCHIO RD / MALE RD



Cod. AS-M12MRD8ETH/****

TABELLA COLORI
COLOURS TABLE

1	WHOG
2	OG
5	WHBU
4	BU
3	WHGN
6	GN
7	WHBN
8	BN

CONNETTORE SCHERMATO
SHIELDED CONNECTORCOMPOSIZIONE CODICE
CODE COMPOSITIONTipologia cavo (vedi cod. in tabella)
Cable type (code like table)Cod. (vedi disegno)
Code (like drawing)

AS-*****8ETH/050*

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 mCONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS

X = ghiera inox / inox ring nut

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut

min. 50 pcs

X

MATERIALI M12

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03, ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H, o-ring di tenuta in Viton (solo x versione femmina).

MATERIALS M12

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03, metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H, o-ring in Viton (only for female connector).

SPECIFICHE TECNICHE M12

TECHNICAL SPECIFICATIONS M12

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	2 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

ETHERNET 8 POLES (4 PAIRS)

COD.

(F)

(M)

SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	4 x 2 x 24AWG SN/ST	4 x 2 x 26AWG SN/ST
Diametri Diameter	6.3 +/- 0.2	6.6 +/- 0.2
Guaina Esterna Outer Jacket	PVC Green Ral 6016 Oil resistant STYLE 2571 Flam retardant FT1	PUR Green Ral 5021 Oil resistant STYLE 20233 Flam retardant FT1 Halogen Free
Norme di riferimento Reference standards	UL CAT 5E	UL CAT 5E
Caratteristiche elettriche Electrical characteristics	Nominal Capacity 50 pF/m Nominal Impedence 100 ohm +/- 15	Nominal Capacity 48 pF/m Nominal Impedence 100 ohm +/- 15
Temperatura di lavoro Work range	-30 / +80°C Static App.	-40 / +80°C Static App. -20 / +60°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / seq

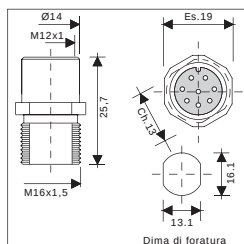
ETHERNET

ETHERNET

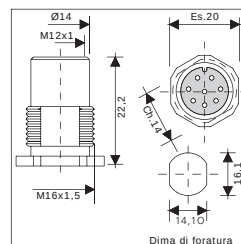
FEMMINA montaggio frontale con cavo FEMALE front mounting with cable



Cod. AS-8ETHF11163/**



FEMMINA montaggio posteriore con cavo FEMALE rear mounting with cable

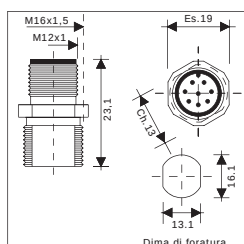


Cod. AS-8ETHF593/**

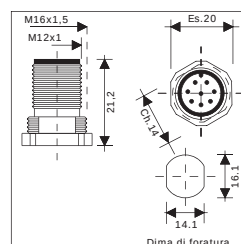
MASCHIO montaggio frontale con cavo MALE front mounting with cable



Cod. AS-8ETHM10163/**



MASCHIO montaggio posteriore con cavo MALE rear mounting with cable



Cod. AS-8ETHM273/**

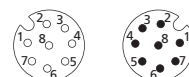
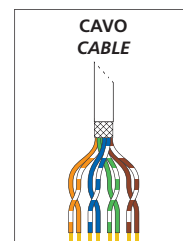


TABELLA COLORI COLOURS TABLE

6	WHOG
4	OG
1	WHBU
7	BU
5	WHGN
8	GN
2	WHBN
3	BN

CONNETTORE SCHERMATO SHIELDED CONNECTOR



COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) Cod. (vedi disegno) Code (like drawing) AS-8ETH*****050* lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	X = ghiera inox / inox ring nut

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 50 pcs X

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03, ghiera di tenuta meccanica in Ottone Nichelato, o-ring di tenuta in Viton (solo x versione femmina).

MATERIALS

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03, metal ring nut in nickel-plated brass, o-ring in Viton (only for female connector).

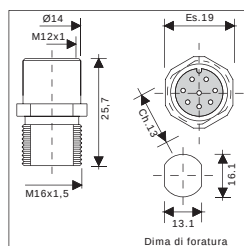
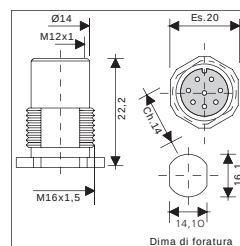
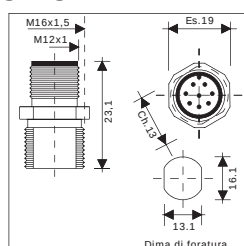
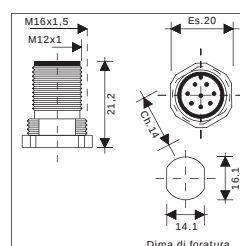
SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 2 A
Tensione Nominale	Nominal Voltage 30 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

ETHERNET 8 POLES (4 PAIRS)

COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	4 x 2 x 24AWG SN/ST	4 x 2 x 26AWG SN/ST
Diametri Diameter	6.3 +/- 0.2	6.6 +/- 0.2
Guaina Esterna Outer Jacket	PVC Green Ral 6016 Oil resistant STYLE 2571 Flam retardant FT1	PUR Green Ral 5021 Oil resistant STYLE 20233 Flam retardant FT1 Halogen Free
Norme di riferimento Reference standards	UL CAT 5E	UL CAT 5E
Caratteristiche elettriche Electrical characteristics	Nominal Capacity 50 pF/m Nominal Impedence 100 ohm +/- 15	Nominal Capacity 48 pF/m Nominal Impedence 100 ohm +/- 15
Temperatura di lavoro Work range	-30 / +80°C Static App.	-40 / +80°C Static App. -20 / +60°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / seqq

ETHERNET

ETHERNET

FEMMINA montaggio frontale con cavi unipolari
FEMALE front mounting single wireCod. AS-8ETH**F11161**/*****FEMMINA** montaggio posteriore con cavi unipolari
FEMALE rear mounting single wireCod. AS-8ETH**F591**/*****MASCHIO** montaggio frontale con cavi unipolari
MALE front mounting single wireCod. AS-8ETH**M10161**/*****MASCHIO** montaggio posteriore con cavi unipolari
MALE rear mounting single wireCod. AS-8ETH**M271**/***COMPOSIZIONE CODICE
CODE COMPOSITIONCod. (vedi disegno)
Code (like drawing)

AS-8ETH*****/*

CONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS

X = ghiera inox / inox ring nut

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.**NOTE:** The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut

min. 50 pcs

X

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03, ghiera di tenuta meccanica in Ottone Nichelato, o-ring di tenuta in Viton (solo x versione femmina).

MATERIALS

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03, metal ring nut in nickel-plated brass, o-ring in Viton (only for female connector).

TABELLA COLORI
COLOURS TABLE

6		WHOG
4		OG
1		WHBU
7		BU
5		WHGN
8		GN
2		WHBN
3		BN

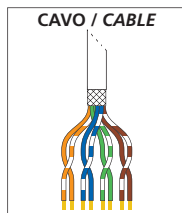
SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION

Guaina	Jacket	Poliolefina / Polyolefin
Tensione	Voltage	300 V
Sezione	Section	1x2 x awg 24/26 (twisted pair)
Ø Esterno	Ø External	1.90 +/- 0.1
Temperatura	Temperature	+5/+70°C

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	2 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install



<

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) Cod. (vedi tabella) Code (like tab)	
AS-PL8ETH050/*** * lunghezza cavo cable lenght 001 = 10 cm 010 = 1 m 100 = 10 m	X = ghiera inox / inox ring nut

Ghiera Inox AISI 304 / <i>Inox AISI 304 Ring Nut</i>	min. 50 pcs	X
--	-------------	---

SPECIFICHE TECNICHE M12	TECHNICAL SPECIFICATIONS M12	
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	2 A
Tensione Nominale	Nominal Voltage	30 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	4 x 2 x 24AWG SN/ST	4 x 2 x 26AWG SN/ST
Diametri Diameter	6.3 +/- 0.2	6.6 +/- 0.2
Guaina Esterna Outer Jacket	PVC Green Ral 6016 Oil resistant STYLE 2571 Flam retardant FT1	PUR Green Ral 5021 Oil resistant STYLE 20233 Flam retardant FT1 Halogen Free
Norme di riferimento Reference standards	CAT 5E	CAT 5E
Caratteristiche elettriche Electrical characteristics	Nominal Capacity 50 p/fm Nominal Impedence 100 ohm +/- 15	Nominal Capacity 48 p/fm Nominal Impedence 100 ohm +/- 15
Temperatura di lavoro Work range	-30 / +80°C Static App.	-40 / +80°C Static App. -20 / +60°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / secq

PROFINET

ETHERCAT

PROFINET

ETHERCAT

Connettori e Prolunghe per Reti Profinet / Ethercat

*Connectors and extenders
for Profinet / Ethercat networks*



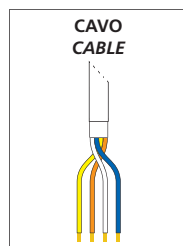
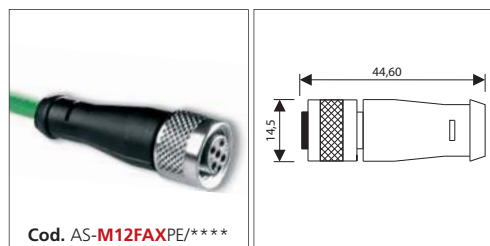
PROFINET

ETHERCAT

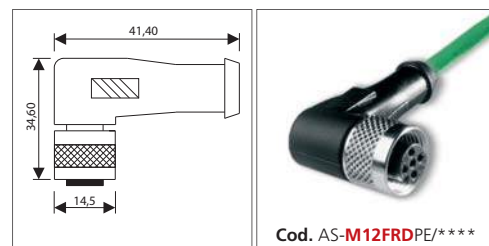
PROFINET

ETHERCAT

FEMMINA AX / FEMALE AX



FEMMINA RD / FEMALE RD



MASCHIO AX / MALE AX

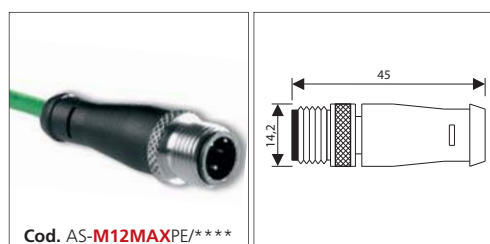
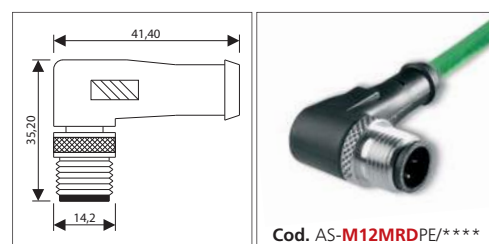


TABELLA COLORI COLOURS TABLE			
1	TD+	YE	
3	TD-	OG	
2	RD+	WH	
4	RD-	BU	
CONNETTORE SCHERMATO SHIELDED CONNECTOR			

MASCHIO RD / MALE RD



RJ45 PLASTIC AND METAL

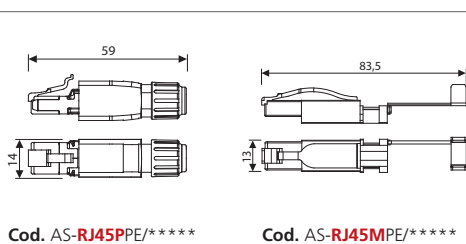


TABELLA COLORI COLOURS TABLE			
1	TD+	YE	
2	TD-	OG	
3	RD+	WH	
6	RD-	BU	
CONNETTORE SCHERMATO SHIELDED CONNECTOR			

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table)	
Cod. (vedi disegno) Code (like drawing)	
AS-****PE/050*	X = ghiera inox / inox ring nut
lunghezza cavo cable length	
001 = 10 cm	
010 = 1 m	
100 = 10 m	

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 50 pcs X

MATERIALI M12

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina)

MATERIALS M12

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorous bronze contact with gold flash (female), metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H. O-ring in Viton (female).

SPECIFICHE TECNICHE M12	TECHNICAL SPECIFICATIONS M12
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 4 A
Tensione Nominale	Nominal Voltage 250 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

PROFINET / ETHERCAT

COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA Dynamic PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x 22AWG Q-R SN/ST	2 x 2 x 22AWG Q-R SN/ST
Diametri Diameter	6.5 +/- 0.2	6.5 +/- 0.2
Guaia Esterna Outer Jacket	PVC Green Ral 6018 Oil resistant STYLE 2502 Flam retardant	PUR Green Ral 6018 Oil resistant STYLE 20554 Flam retardant Halogen Free
Norme di riferimento Reference standards	CAT 5E	CAT 5E
Caratteristiche elettriche Electrical characteristics	Nominal capacity 46pF/mt Nominal Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s	Nominal capacity 46pF/mt Nominal Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s
Temperatura di lavoro Work range	-30 / +80°C Static App.	-30 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	6 x Ø esterno Static App.	6 x Ø esterno Static App. 10 x Ø esterno Dynamic App.
Schermatura Shield	I - in poliestere / aluminium sulle coppie II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	I - in poliestere / aluminium sulle coppie II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / secq



PROFINET
ETHERCAT

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CONNETTORI PER RETI PROFINET / ETHERCAT NETWORK CONNECTORS PROFINET / ETHERCAT

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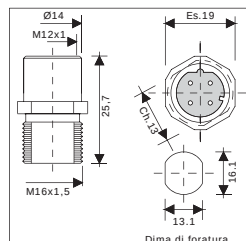
ETHERCAT

FEMMINA montaggio frontale con cavo

FEMALE front mounting with cable



Cod. AS-PEF11163/**

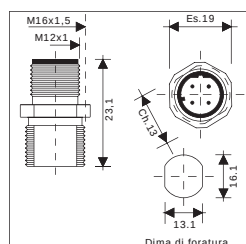


MASCHIO montaggio frontale con cavo

MALE front mounting with cable

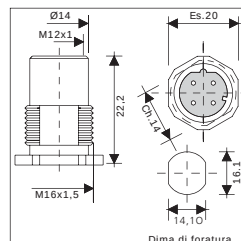


Cod. AS-PEM10163/**



FEMMINA montaggio posteriore con cavo

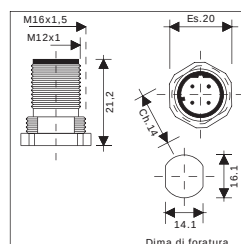
FEMALE rear mounting with cable



Cod. AS-PEF593/**

MASCHIO montaggio posteriore con cavo

MALE rear mounting with cable



Cod. AS-PEM273/**

COMPOSIZIONE CODICE

CODE COMPOSITION

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

Cod. (vedi disegno)
Code (like drawing)

AS-PE*****/050*

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m

CONFIGURAZIONI AGGIUNTIVE

MORE CONFIGURATIONS

X = ghiera inox / inox ring nut

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 50 pcs X

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato. O-ring di tenuta in Viton (femmina)

MATERIALS

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorous bronze contact with gold flash (female), metal ring nut in nickel-plated brass. O-ring in Viton (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 4 A
Tensione Nominale	Nominal Voltage 250 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

CAVO CABLE

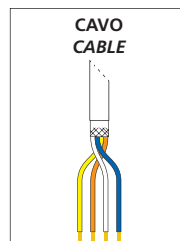


TABELLA COLORI COLOURS TABLE

1	TD+	YE
3	TD-	OG
2	RD+	WH
4	RD-	BU

CONNETTORE SCHERMATO
SHIELDED CONNECTOR

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COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA Dynamic PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x 22AWG Q-R SN/ST	2 x 2 x 22AWG Q-R SN/ST
Diametri Diameter	6.5 +/- 0.2	6.5 +/- 0.2
Guaina Esterna Outer Jacket	PVC Green Ral 6018 Oil resistant STYLE 2502 Flam retardant	PUR Green Ral 6018 Oil resistant STYLE 20554 Flam retardant Halogen Free
Norme di riferimento Reference standards	CAT 5E	CAT 5E
Caratteristiche elettriche Electrical characteristics	Nomical capacity 46pF/mt Nominal Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s	Nomical capacity 46pF/mt Nominal Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s
Temperatura di lavoro Work range	-30 / +80°C Static App.	-30 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	6 x Ø esterno Static App.	6 x Ø esterno Static App. 10 x Ø esterno Dynamic App.
Schermatura Shield	I - in poliestere / alluminium sulle coppie II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	I - in poliestere / alluminium sulle coppie II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / secq

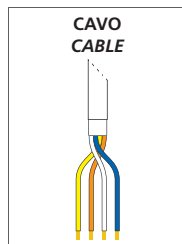
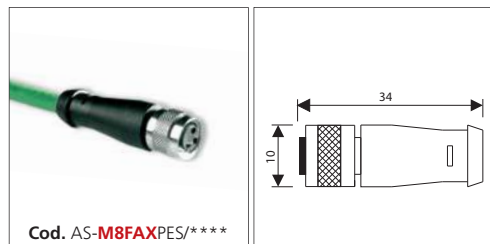
PROFINET

ETHERCAT

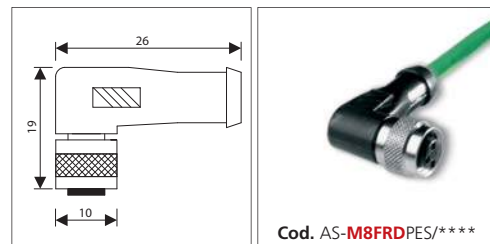
PROFINET

ETHERCAT

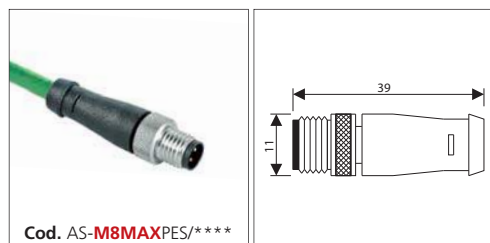
FEMMINA AX / FEMALE AX



FEMMINA RD / FEMALE RD



MASCHIO AX / MALE AX



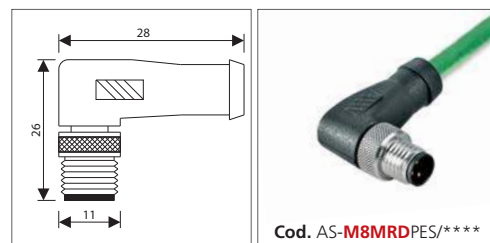
4	2	1	3
3	1	2	4

**TABELLA COLORI
COLOURS TABLE**

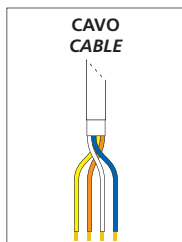
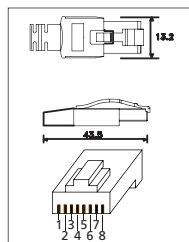
1	TD+	YE
3	TD-	OG
2	RD+	WH
4	RD-	BU

CONNETTORE SCHERMATO
SHIELDED CONNECTOR

MASCHIO RD / MALE RD



RJ45



1	TD+	YE
2	TD-	OG
3	RD+	WH
6	RD-	BU

CONNETTORE SCHERMATO
SHIELDED CONNECTOR

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) Cod. (vedi disegno) Code (like drawing) AS-****PES/050* lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m X = ghiera inox / inox ring nut	

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 50 pcs X

MATERIALI M12

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina)

MATERIALS M12

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorous bronze contact with gold flash (female), metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H. O-ring in Viton (female).

SPECIFICHE TECNICHE M12	TECHNICAL SPECIFICATIONS M12
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 4 A
Tensione Nominale	Nominal Voltage 250 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

PROFINET / ETHERCAT

COD.	(FS)	(MS)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA Dynamic PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x 24AWG Q-R SN/ST	2 x 2 x 24AWG Q-R SN/ST
Diametri Diameter	5.4 +/- 0.2	5.4 +/- 0.2
Guaina Esterna Outer Jacket	PVC Green Ral 6018 Oil resistant STYLE 2502 Flam retardant	PUR Green Ral 6018 Oil resistant STYLE 20236 Flam retardant Halogen Free
Norme di riferimento Reference standards	UL CAT 5E	UL CAT 5E
Caratteristiche elettriche Electrical characteristics	Nomical capacity 56pF/mt Nominal Impedence 100 ohm +/- 15	Nomical capacity 56pF/mt Nominal Impedence 100 ohm +/- 15
Temperatura di lavoro Work range	-30 / +80°C Static App.	-40 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	7.5 x Ø esterno	7.5 x Ø esterno
Schermatura Shield	I - in poliestere / alluminium sulle coppie II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	I - in poliestere / alluminium sulle coppie II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	300 m / min
Accelerazione Acceleration	---	50 m / seq



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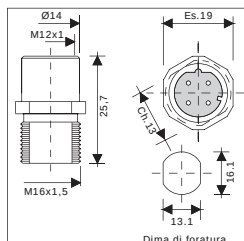
ETHERCAT

FEMMINA montaggio frontale con cavo

FEMALE front mounting with cable

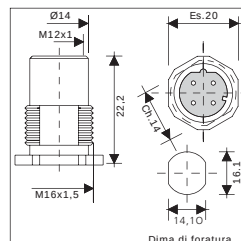


Cod. AS-PESF1163/**



FEMMINA montaggio posteriore con cavo

FEMALE rear mounting with cable



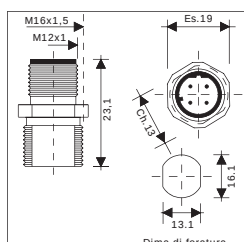
Cod. AS-PESF593/**

MASCHIO montaggio frontale con cavo

MALE front mounting with cable

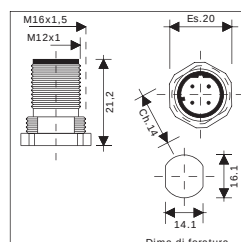


Cod. AS-PESM10163/**



MASCHIO montaggio posteriore con cavo

MALE rear mounting with cable



Cod. AS-PESM273/**

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) Cod. (vedi disegno) Code (like drawing) AS-PES*****/050* lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m X = ghiera inox / inox ring nut	

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 50 pcs X

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato. O-ring di tenuta in Viton (femmina)

MATERIALS

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorous bronze contact with gold flash (female), metal ring nut in nickel-plated brass. O-ring in Viton (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 4 A
Tensione Nominale	Nominal Voltage 250 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

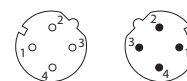
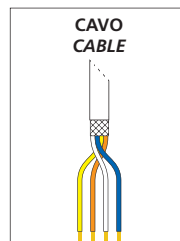


TABELLA COLORI COLOURS TABLE

1	TD+	YE
3	TD-	OG
2	RD+	WH
4	RD-	BU

CONNETTORE SCHERMATO
SHIELDED CONNECTOR

PROFINET / ETHERCAT

COD.	(FS)	(MS)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA Dynamic PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x 24AWG Q-R SN/ST	2 x 2 x 24AWG Q-R SN/ST
Diametri Diameter	5.4 +/- 0.2	5.4 +/- 0.2
Guaina Esterna Outer Jacket	PVC Green Ral 6018 Oil resistant STYLE 2502 Flam retardant	PUR Green Ral 6018 Oil resistant STYLE 20236 Flam retardant Halogen Free
Norme di riferimento Reference standards	UL CAT 5E	UL CAT 5E
Caratteristiche elettriche Electrical characteristics	Nominal capacity 56pF/mt Nominal Impedence 100 ohm +/- 15	Nominal capacity 56pF/mt Nominal Impedence 100 ohm +/- 15
Temperatura di lavoro Work range	-30 / +80°C Static App.	-40 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	7.5 x Ø esterno	7.5 x Ø esterno
Schermatura Shield	I - in poliestere / alluminium sulle coppie II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	I - in poliestere / alluminium sulle coppie II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	300 m / min
Accelerazione Acceleration	---	50 m / secq

PROFINET

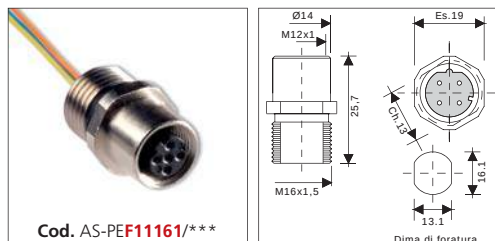
ETHERCAT

PROFINET

ETHERCAT

FEMMINA montaggio frontale con cavi unipolari

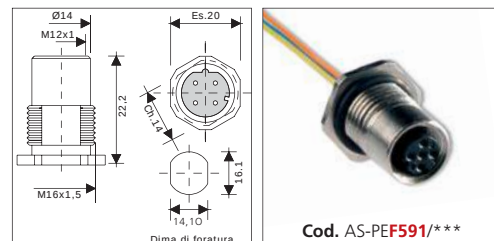
FEMALE front mounting single wire



Cod. AS-PEF1161/**

FEMMINA montaggio posteriore con cavi unipolari

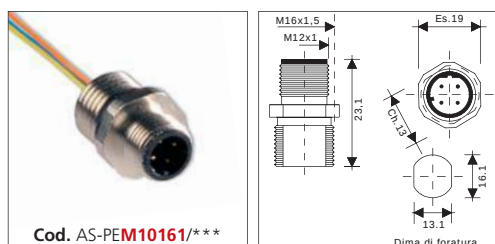
FEMALE rear mounting single wire



Cod. AS-PEF591/**

MASCHIO montaggio frontale con cavi unipolari

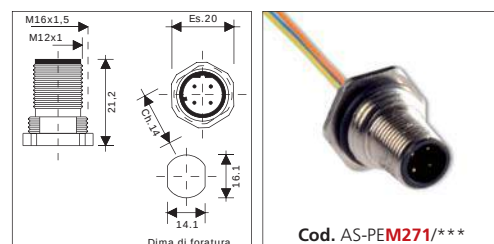
MALE front mounting single wire



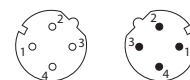
Cod. AS-PEM10161/**

MASCHIO montaggio posteriore con cavi unipolari

MALE rear mounting single wire



Cod. AS-PEM271/**



COMPOSIZIONE CODICE CODE COMPOSITION

Cod. (vedi disegno)
Code (like drawing)

AS-PE*****/*

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

X = ghiera inox / inox ring nut

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox / Inox Ring Nut

min. 50 pcs

X

TABELLA COLORI COLOURS TABLE

1	TD+	YE
3	TD-	OG
2	RD+	WH
4	RD-	BU

CONNETTORE SCHERMATO
SHIELDED CONNECTOR

SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION

Lunghezza Standard	Standard Length	0,5 mt
Normativa	Reference	UL-AWM/style 1213 MIL-W-16878/4 (type E) NEMA HP3-EXBEB
Guaina	Jacket	PTFE
Tensione	Voltage	600 V
Sezione	Section	24AWG
Ø Esterno	Ø External	1.15 +/- 0.1
Temperatura	Temperature	-60/+200°C

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato. O-ring di tenuta in Viton (femmina)

MATERIALS

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorous bronze contact with gold flash (female), metal ring nut in nickel-plated brass. O-ring in Viton (female).

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

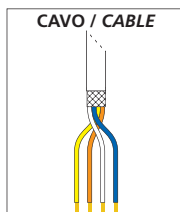
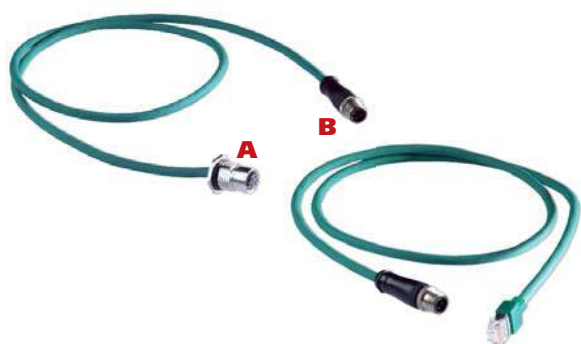
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale	Nominal Voltage	250 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

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PROLUNGHE DIRITTE / LINE EXTENDERS									
A					B				
M 12	RJ45				M 12	RJ45			
1	1	TD+	YE	1	1				
3	2	TD-	OG	3	2				
2	3	RD+	WH	2	3				
4	6	RD-	BU	4	6				

CONNETTORE SCHERMATO / SHIELDED CONNECTOR

A								
M 12							RJ 45	
	M AX	M RD	F AX	F RD	M 273	F 593	RJ 45	
RJ 45	53P 53M	54P 54M	55P 55M	56P 56M	58P 58M	60P 60M	69P 69M	
F 593	08	15	21	26	71	73		
M 273	06	13	19	24	78			
F RD	04	11	17	22				
F AX	03	10	16					
M RD	02	09						
M AX	01							

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) Cod. (vedi tabella) Code (like tab) AS-PLPE050/*** lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	X = ghiera inox / inox ring nut

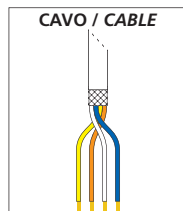
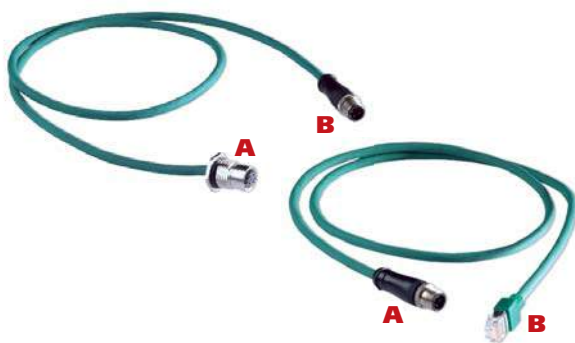
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COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA Dynamic PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x 22AWG Q-R SN/ST	2 x 2 x 22AWG Q-R SN/ST
Diametri Diameter	6.5 +/- 0.2	6.5 +/- 0.2
Guaina Esterna Outer Jacket	PVC Green Ral 6018 Oil resistant STYLE 2502 Flam retardant	PUR Green Ral 6018 Oil resistant STYLE 20554 Flam retardant Halogen Free
Norme di riferimento Reference standards	UL CAT 5E	UL CAT 5E
Caratteristiche elettriche Electrical characteristics	Nominal capacity 46pF/mt Nominal Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s	Nominal capacity 46pF/mt Nominal Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s
Temperatura di lavoro Work range	-30 / +80°C Static App.	-30 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	6 x Ø esterno Static App.	6 x Ø esterno Static App. 10 x Ø esterno Dynamic App.
Schermatura Shield	I - in poliestere / aluminium sulle coppie II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	I - in poliestere / aluminium sulle coppie II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / seq

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox / Inox Ring Nut min. 50 pcs X

SPECIFICHE TECNICHE M12	TECHNICAL SPECIFICATIONS M12
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 4 A
Tensione Nominale	Nominal Voltage 250 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install



PROLUNGHE DIRITTE / LINE EXTENDERS

A						B					
M 8	M 12	RJ45				M 8	M 12	RJ45			
1	1	1	TD+	YE	YE	1	1	1			
3	3	2	TD-	OG	OG	3	3	2			
2	2	3	RD+	WH	WH	2	2	3			
4	4	6	RD-	BU	BU	4	4	6			

CONNETTORE SCHERMATO / SHIELDED CONNECTOR

		A											
		M8				M12						RJ 45	
		M AX	M RD	F AX	F RD	M AX	M RD	F AX	F RD	M 273	F 593	RJ 45	
B	RJ 45	95P 95M	98P 98M	96P 96M	97P 97M	53P 53M	54P 54M	55P 55M	56P 56M	58P 58M	60P 60M	69P 69M	
	F 593	91	94	100	99	08	15	21	26	71	73		
	M 273	83	86	89	92	06	13	19	24	78			
	F RD	47	50	81	84	04	11	17	22				
	F AX	43	46	49	80	03	10	16					
	M RD	39	42	45	48	02	09						
	M AX	34	38	41	44	01							
	F RD	30	33	37	40								
	F AX	29	32	36									
	M RD	28	31										
	M AX	27											

**COMPOSIZIONE CODICE
CODE COMPOSITION**

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

Cod. (vedi tabella)
Code (like tab)

AS-PLPES050/***

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m

**CONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS**

X = ghiera inox / inox ring nut

PROFINET / ETHERCAT

COD.	(FS)	(MS)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA Dynamic PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x 24AWG Q-R SN/ST	2 x 2 x 24AWG Q-R SN/ST
Diametri Diameter	5.4 +/- 0.2	5.4 +/- 0.2
Guaina Esterna Outer Jacket	PVC Green Ral 6018 Oil resistant STYLE 2502 Flam retardant	PUR Green Ral 6018 Oil resistant STYLE 20236 Flam retardant Halogen Free
Norme di riferimento Reference standards	CAT 5E	CAT 5E
Caratteristiche elettriche Electrical characteristics	Nominal capacity 56pF/mt Nominal Impedence 100 ohm +/- 15	Nominal capacity 56pF/mt Nominal Impedence 100 ohm +/- 15
Temperatura di lavoro Work range	-30 / +80°C Static App.	-40 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	7.5 x Ø esterno	7.5 x Ø esterno
Schermatura Shield	I - in poliestere / aluminium sulle coppie II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	I - in poliestere / aluminium sulle coppie II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	300 m / min
Accelerazione Acceleration	---	50 m / secq

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox / Inox Ring Nut min. 50 pcs X

SPECIFICHE TECNICHE M12	TECHNICAL SPECIFICATIONS M12
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 4 A
Tensione Nominale	Nominal Voltage 250 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

PROFINET

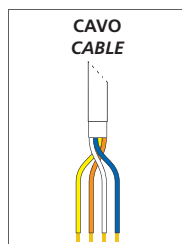
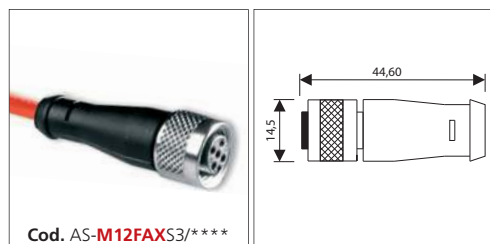
PROFINET

Connettori e Prolunghe per Reti SERCOS III

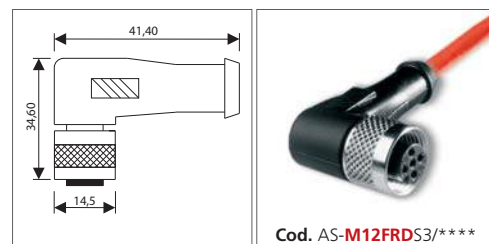
*Connectors and extenders
for SERCOS III*



FEMMINA AX / FEMALE AX



FEMMINA RD / FEMALE RD



MASCHIO AX / MALE AX

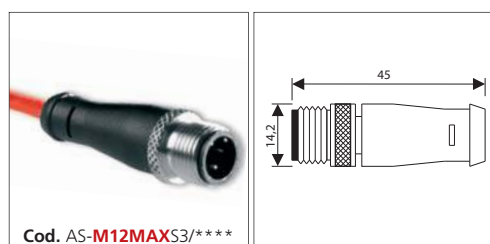
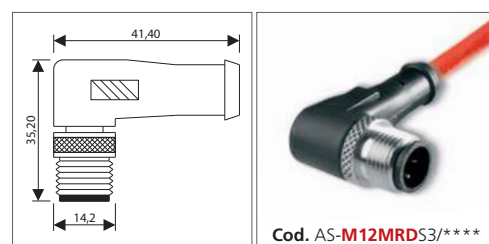


TABELLA COLORI COLOURS TABLE			
1	TD+	YE	
3	TD-	OG	
2	RD+	WH	
4	RD-	BU	
CONNETTORE SCHERMATO SHIELDED CONNECTOR			

MASCHIO RD / MALE RD



RJ45 PLASTIC AND METAL

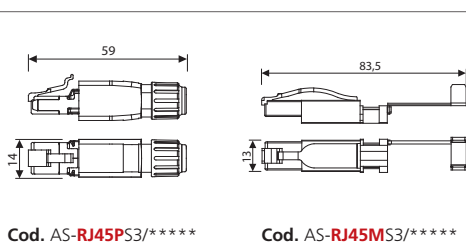


TABELLA COLORI COLOURS TABLE			
1	TD+	YE	
2	TD-	OG	
3	RD+	WH	
6	RD-	BU	
CONNETTORE SCHERMATO SHIELDED CONNECTOR			

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table)	
Cod. (vedi disegno) Code (like drawing)	
AS-****S3/050*	X = ghiera inox / inox ring nut
lunghezza cavo cable length	
001 = 10 cm	
010 = 1 m	
100 = 10 m	

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 50 pcs X

MATERIALI M12

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina)

MATERIALS M12

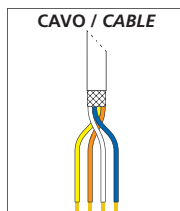
Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorous bronze contact with gold flash (female), metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H. O-ring in Viton (female).

SPECIFICHE TECNICHE M12	TECHNICAL SPECIFICATIONS M12
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 4 A
Tensione Nominale	Nominal Voltage 250 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install

COD.	F	M
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x 22AWG Q-R SN/ST	2 x 2 x 24AWG Q-R SN/ST
Diametri Diameter	6.5 +/- 0.2	6.5 +/- 0.2
Guaina Esterna Outer Jacket	PVC Red Ral 3020 Oil resistant STYLE 2502 Flam retardant	PUR Red Ral 3020 Oil resistant STYLE 20554 Flam retardant Halogen Free
Norme di riferimento Reference standards	CAT 5E	CAT 5E
Caratteristiche elettriche Electrical characteristics	Nomical capacity 46pF/mt Nominal Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s	Nomical capacity 46pF/mt Nominal Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s
Temperatura di lavoro Work range	-30 / +80°C Static App.	-30 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	6 x Ø esterno Static App.	6 x Ø esterno Static App. 10 x Ø esterno Dynamic App.
Schermatura Shield	I - in poliestere / aluminium sulle coppie II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	I - in poliestere / aluminium sulle coppie II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / seqq

PROFINET

PROFINET



PROLUNGHE DIRITTE / LINE EXTENDERS

A				B			
M 12	RJ45			M 12	RJ45		
1	1	TD+	YE	1	1		
3	2	TD-	OG	3	2		
2	3	RD+	WH	2	3		
4	6	RD-	BU	4	6		

CONNETTORE SCHERMATO / SHIELDED CONNECTOR

A							
M12							RJ 45
	M AX	M RD	F AX	F RD	M 273	F 593	RJ 45
RJ 45	53P 53M	54P 54M	55P 55M	56P 56M	58P 58M	60P 60M	69P 69M
M12							
F 593	08	15	21	26	71	73	
M 273	06	13	19	24	78		
F RD	04	11	17	22			
F AX	03	10	16				
M RD	02	09					
M AX	01						

COMPOSIZIONE CODICE
CODE COMPOSITION

Tipologia cavo (vedi cod. in tabella)

Cable type (code like table)

Cod. (vedi tabella)

Code (like tab)

AS-PLS3050***

lunghezza cavo

cable length

001 = 10 cm

010 = 1 m

100 = 10 m

CONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS

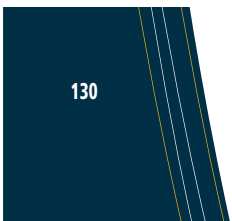
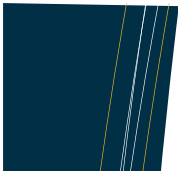
X = ghiera inox / inox ring nut

COD.	F	M
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x 22AWG Q-R SN/ST	2 x 2 x 24AWG Q-R SN/ST
Diametri Diameter	6.5 +/- 0.2	6.5 +/- 0.2
Guaina Esterna Outer Jacket	PVC Red Ral 3020 Oil resistant STYLE 2502 Flam retardant	PUR Red Ral 3020 Oil resistant STYLE 20554 Flam retardant Halogen Free
Norme di riferimento Reference standards	CAT 5E	CAT 5E
Caratteristiche elettriche Electrical characteristics	Nomical capacity 46pF/mt Nominal Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s	Nomical capacity 46pF/mt Nominal Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s
Temperatura di lavoro Work range	-30 / +80°C Static App.	-30 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	6 x Ø esterno Static App.	6 x Ø esterno Static App. 10 x Ø esterno Dynamic App.
Schermatura Shield	I - in poliestere / aluminium sulle coppie II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	I - in poliestere / aluminium sulle coppie II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / seqq

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 50 pcs X

SPECIFICHE TECNICHE M12	TECHNICAL SPECIFICATIONS M12
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 4 A
Tensione Nominale	Nominal Voltage 250 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature -20/+80°C Fix Install



ETHERNET

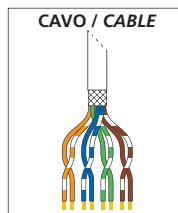
ETHERNET

M12 CODIFICA X

M12 X CODED



M12 X CODED



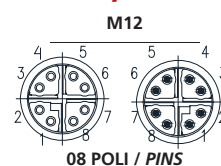
PROLUNGHE DIRITTE / LINE EXTENDERS									
A					B				
M 12	RJ45				M 12	RJ45			
6	1			WHOG	6	1			
4	2			OG	4	2			
1	5			WHBU	1	5			
7	4			BU	7	4			
5	3			WHGN	5	3			
8	6			GN	8	6			
2	7			WHBN	2	7			
3	8			BN	3	8			

CONNETTORE SCHERMATO / SHIELDED CONNECTOR

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

A, B:



COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m Cod. (vedi tabella) Code (like tab)	G = grafoplast H = connettore schermato shielded connector X = ghiera inox / inox ring nut HX = connettore schermato e ghiera inox shielded connector and inox ring nut

A M12 8 POLI / 8 PINS

	RJ45	F AX	F AN	M AX	M AN
M AN	03	05	13	25	30
M AX	06	04	12	24	
F AN	07	02	10		
F AX	08	01			



COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m AX = Dritto / Straight PX = Pannello / panel F = Femmina / female M = Maschio / male	X = Connector Cod. X G = grafoplast H = connettore schermato shielded connector

ETHERNET 8 POLES (4 PAIRS)

COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	4 x 2 x 26 AWG SN/ST	4 x 2 x 26AWG SN/ST
Diametri Diameter	6.4 +/- 0.2	7.2 +/- 0.2
Guaina Esterna Outer Jacket	PVC Green RAL 6018 Oil resistant Flam retardant FT1	PUR Green Ral 6018 Oil resistant Flam retardant FT1
Norme di riferimento Reference standards	EN CAT 6	EN CAT 6
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	180 mt / min	600 m / min
Accelerazione Acceleration	2 mt / seq	60 m / seq

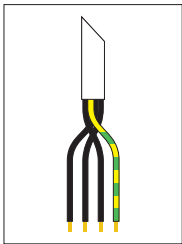
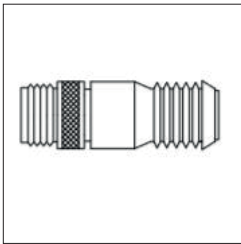
M12 POTENZA CODIFICA S

M12 POWER S CODED



M12 POWER S CODED

MASCHIO AX / MALE AX



FEMMINA AX / FEMALE AX

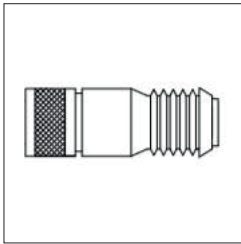


TABELLA COLORI COLOURS TABLE	
1	BK1
2	BK2
3	BK3
PE	YEGN

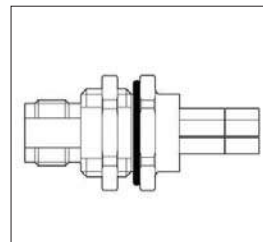
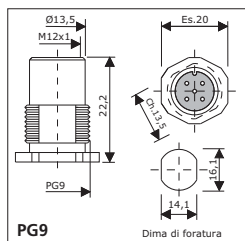
COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AX = Dritto / Straight PX = Pannello / panel S = Connector Cod. S F = Femmina / female M = Maschio / male	G = grafoplast H = connettore schermato shielded connector
AS-M12S***04050**/*	

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) S = Connector Cod. S	G = grafoplast H = connettore schermato shielded connector
AS-PLS0500404/**/*	

A M12 4 POLI / 4 PINS				
	F AX	F AN	M AX	M AN
M AN	05	13	25	30
M AX	04	12	24	
F AN	02	10		
F AX	01			

COD.	CO	COS	RO	ROS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR PUR CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	4 x 1,5 mmq	4 x 1,5 mmq	4 x 1,5 mmq	4 x 1,5 mmq
Normative di riferimento Reference standards	UL	UL	UL	UL
Schermatura Shield	NO	SI	NO	SI

MASCHIO AX / MALE AX



FEMMINA AX / FEMALE AX

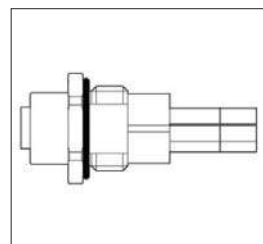
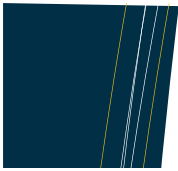


TABELLA COLORI COLOURS TABLE		
1		BK1
2		BK2
3		BK3
PE		YEGN

COMPOSIZIONE CODICE CODE COMPOSITION		CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
F = Femmina / female M = Maschio / male		Tipo (vedi sotto) Type (see below)
AS-M12S*04050*/*****		
S = Connector Cod. S	lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	H = connettore schermato shielded connector
		Tipo / Type 59G91 27G90 11G91 10G91



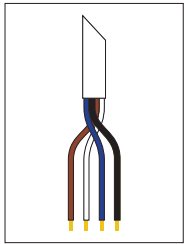
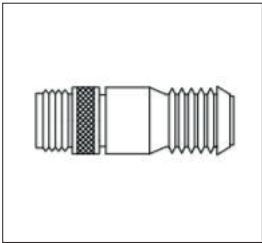
M12 POTENZA CODIFICA T

M12 POWER T CODED



M12 POWER T CODED

MASCHIO AX / MALE AX



FEMMINA AX / FEMALE AX

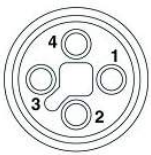
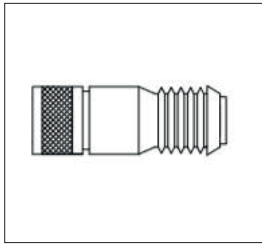


TABELLA COLORI
COLOURS TABLE

1	BROWN
2	WHITE
3	BLUE
4	BLACK

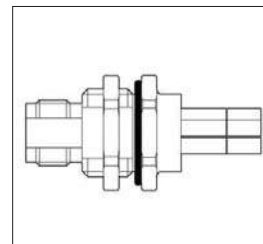
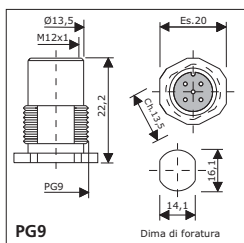
COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AX = Dritto / Straight PX = Pannello / panel T = Connector Cod. T F = Femmina / female M = Maschio / male	G = grafoplast H = connettore schermato shielded connector
AS-M12T***04050**	
lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) T = Connector Cod. T	G = grafoplast H = connettore schermato shielded connector
AS-PLT0500404/**/*	
lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	

A M12 4 POLI / 4 PINS				
	F AX	F AN	M AX	M AN
B M12 4 POLI / 4 PINS				
	M AN	05	13	25
	M AX	04	12	24
	F AN	02	10	
	F AX	01		

COD.	CN	CNS	RN	RNS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR PUR CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	4 x 1,5 mmq	4 x 1,5 mmq	4 x 1,5 mmq	4 x 1,5 mmq
Normative di riferimento Reference standards				
Schermatura Shield	NO	SI	NO	SI

MASCHIO AX / MALE AX



FEMMINA AX / FEMALE AX

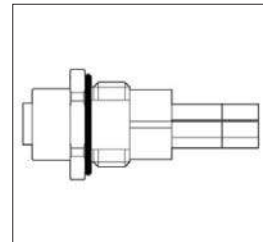
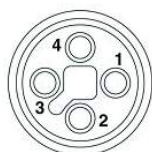
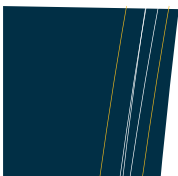


TABELLA COLORI COLOURS TABLE	
1	BROWN
2	WHITE
3	BLUE
4	BLACK

COMPOSIZIONE CODICE CODE COMPOSITION		CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS	
F = Femmina / female		Tipo (vedi sotto)	
M = Maschio / male		Type (see below)	
AS-M12T*04050*/*****			
T = Connector Cod. S	lunghezza cavo cable length	H = connettore schermato shielded connector	Tipo / Type
	001 = 10 cm		59G91
	010 = 1 m		27G90
	100 = 10 m		11G91
			10G91



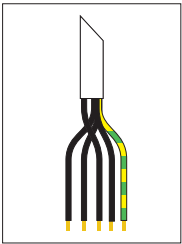
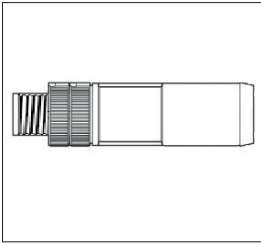
M12 POTENZA CODIFICA K

M12 POWER K CODED



M12 POWER K CODED

MASCHIO AX / MALE AX



FEMMINA AX / FEMALE AX

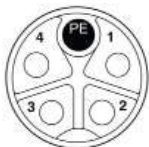
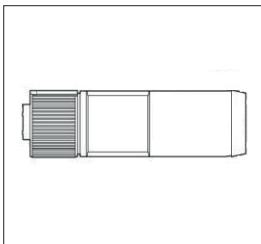


TABELLA COLORI
COLOURS TABLE

1	BK1
2	BK2
3	BK3
4	BK4
5	YEGRN

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AX = Dritto / Straight PX = Pannello / panel K = Connector Cod. K F = Femmina / female M = Maschio / male	G = grafoplast H = connettore schermato shielded connector
AS-M12K***04050**/*	
lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	

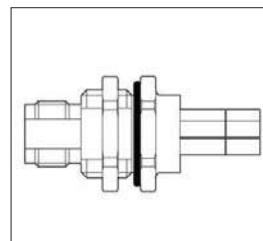
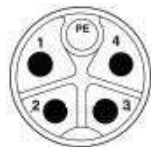
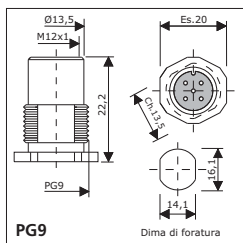
COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) K = Connector Cod. K	G = grafoplast H = connettore schermato shielded connector
AS-PLK0500504/**/*	
lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	

A M12 5 POLI / 5 PINS				
	F AX	F AN	M AX	M AN
M AN	05	13	25	30
M AX	04	12	24	
F AN	02	10		
F AX	01			

B M12 5 POLI / 5 PINS

COD.	CN	CNS	RN	RNS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR PUR CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	5 x 1,5 mmq	5 x 1,5 mmq	5 x 1,5 mmq	5 x 1,5 mmq
Normative di riferimento Reference standards	UL	UL	UL	UL
Schermatura Shield	NO	SI	NO	SI

MASCHIO AX / MALE AX



FEMMINA AX / FEMALE AX

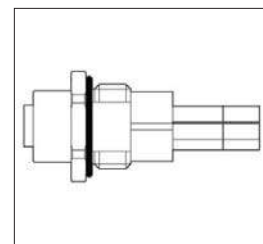
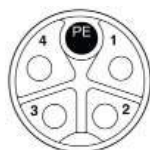
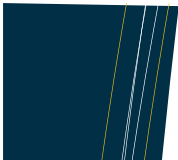


TABELLA COLORI COLOURS TABLE		
1		BK1
2		BK2
3		BK3
4		BK4
5		YEGN

COMPOSIZIONE CODICE CODE COMPOSITION		CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
F = Femmina / female M = Maschio / male		Tipo (vedi sotto) Type (see below)
AS-M12K*04050*/*****		
K = Connector Cod. S	lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	H = connettore schermato shielded connector
		Tipo / Type 59G91 27G90 11G91 10G91



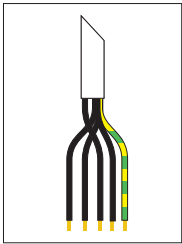
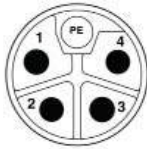
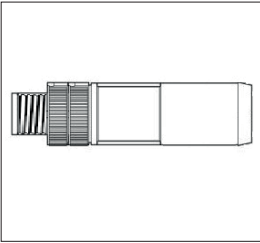
M12 POTENZA CODIFICA L

M12 POWER L CODED



M12 POWER L CODED

MASCHIO AX / MALE AX



FEMMINA AX / FEMALE AX

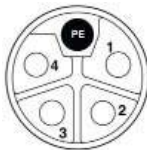
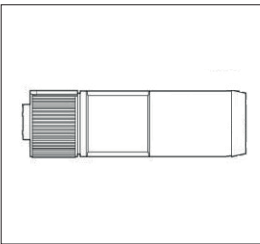


TABELLA COLORI
COLOURS TABLE

1	BK1
2	BK2
3	BK3
4	BK4
5	YEGN

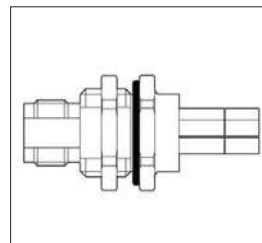
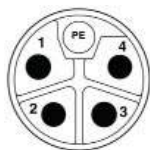
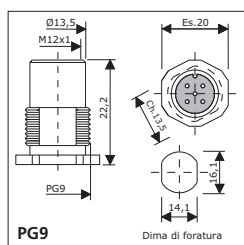
COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AX = Diritto / Straight PX = Pannello / panel AS-M12L***04050**/* L = Connector Cod. L F = Femmina / female M = Maschio / male lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	G = grafoplast. H = connettore schermato shielded connector

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) L = Connector Cod. L AS-PLL0500404/**/* lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	G = grafoplast. H = connettore schermato shielded connector

A M12 5 POLI / 5 PINS				
	F AX	F AN	M AX	M AN
M AN	05	13	25	30
M AX	04	12	24	
F AN	02	10		
F AX	01			

COD.	CN	CNS	RN	RNS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR PUR CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	5 x 1,5 mmq	5 x 1,5 mmq	5 x 1,5 mmq	5 x 1,5 mmq
Normative di riferimento Reference standards				
Schermatura Shield	NO	SI	NO	SI

MASCHIO AX / MALE AX



FEMMINA AX / FEMALE AX

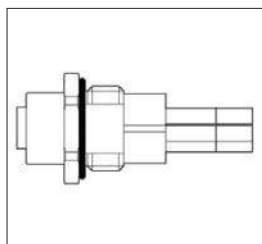
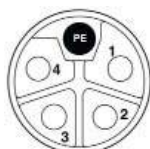


TABELLA COLORI COLOURS TABLE

1	BK1
2	BK2
3	BK3
4	BK4
5	YEGN

COMPOSIZIONE CODICE CODE COMPOSITION

F = Femmina / female
M = Maschio / male

AS-M12L

L = Connector Cod. S

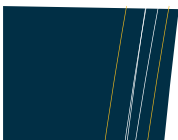
lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

Tipo (vedi sotto)
Type (see below)

H = connettore schermato
shielded connector

Tipo / Type
59G91
27G90
11G91
10G91



PROFIBUS

PROFIBUS

Connettori e Prolunghe per Reti Profibus

*Connectors and extenders
for Profibus networks*



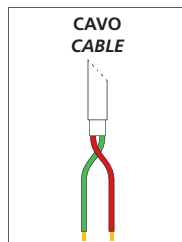
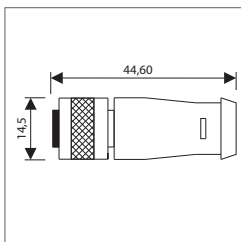
PROFIBUS

PROFIBUS

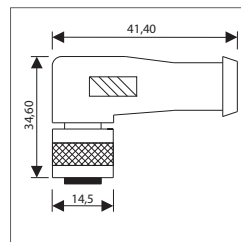
FEMMINA AX / FEMALE AX



Cod. AS-M12**FAX**PB/****



FEMMINA RD / FEMALE RD



Cod. AS-M12**FRD**PB/****

MASCHIO AX / MALE AX



Cod. AS-M12**MAX**PB/****

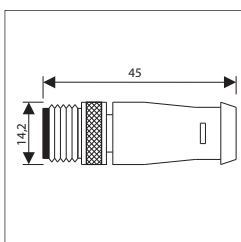
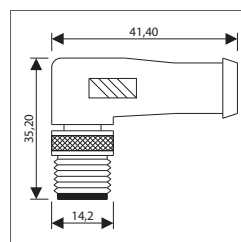


TABELLA COLORI COLOURS TABLE		
2	LINE A	GN
4	LINE B	RD
CONNETTORE SCHERMATO SHIELDED CONNECTOR		

MASCHIO RD / MALE RD



Cod. AS-M12**MRD**PB/****

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) Cod. (vedi disegno) Code (like drawing) AS-M12***PB/050* lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	X = ghiera inox / inox ring nut

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
---	-------------	---

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina)

MATERIALS

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorous bronze contact with gold flash (female), metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H. O-ring in Viton (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 4 A
Tensione Nominale	Nominal Voltage 60 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio	Working Temperature -20/+80°C

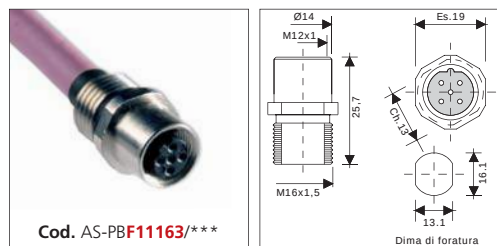
PROFIBUS

COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	(1 x 2 x 0.64 Ø) SNVT	(1 x 2 x 0.64 Ø) SNVT
Diametri Diameter	7.7 +/- 0.2	7.8 +/- 0.2
Guaina Esterna Outer Jacket	PVC Violet Ral 4001 Oil resistant --- STYLE 2464 Flam retardant FT1	PUR Violet Ral 4001 Oil resistant UL758/ UL2556/ EN50363-10-2 STYLE 20549 Flam retardant FT2 Halogen Free
Norme di riferimento Reference standards	Desina	Desina
Caratteristiche elettriche Electrical characteristics	Nominal Impedence 150 ohm +/- 15 Transmission speed up to 200 mt - 12 Mbit/s	Nominal capacity 50 pF/m Impedence 100 ohm +/- 15 Transmission speed up to 200 mt - 12 Mbit/s
Temperatura di lavoro Work range	-20 / +80°C Static App.	-30 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	5 x Ø esterno Static App.	5 x Ø esterno Static App. 10 x Ø esterno Dynamic App.
Schermatura Shield	I - in poliestere / alluminium II - A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	I - in poliestere / alluminium II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	300 m / min
Accelerazione Acceleration	---	40 m / seq

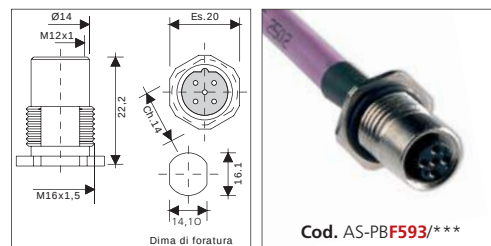
PROFIBUS

PROFIBUS

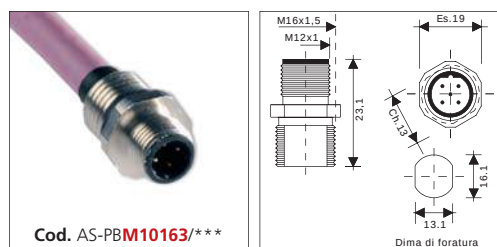
FEMMINA montaggio frontale con cavo FEMALE front mounting with cable



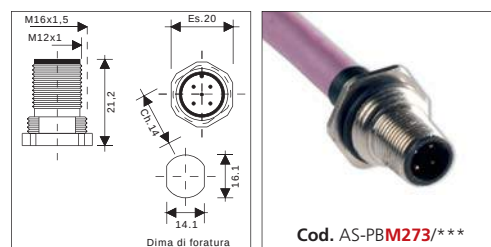
FEMMINA montaggio posteriore con cavo FEMALE rear mounting with cable



MASCHIO montaggio frontale con cavo MALE front mounting with cable



MASCHIO montaggio posteriore con cavo MALE rear mounting with cable



COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) Cod. (vedi disegno) Code (like drawing) AS-PB****/050* lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	X = ghiera inox / inox ring nut

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 50 pcs X

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato. O-ring di tenuta in Viton (femmina)

MATERIALS

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorous bronze contact with gold flash (female), metal ring nut in nickel-plated brass. O-ring in Viton (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 4 A
Tensione Nominale	Nominal Voltage 60 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio	Working Temperature -20/+80°C

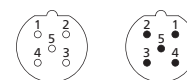
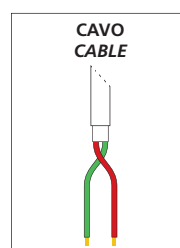


TABELLA COLORI COLOURS TABLE

2	LINE A	GN
4	LINE B	RD

CONNETTORE SCHERMATO
SHIELDED CONNECTOR

PROFIBUS

COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	(1 x 2 x 0.64 Ø) SN/ST	(1 x 2 x 0.64 Ø) SN/ST
Diametri Diameter	7.7 +/- 0.2	7.8 +/- 0.2
Guaina Esterna Outer Jacket	PVC Violet Ral 4001 Oil resistant --- STYLE 2464 Flam retardant FT1	PUR Violet Ral 4001 Oil resistant UL758/ UL2556/ EN50363-10-2 STYLE 20549 Flam retardant FT2 Halogen Free
Norme di riferimento Reference standards	Desina	Desina
Caratteristiche elettriche Electrical characteristics	Nominal Impedance 150 ohm +/- 15 Transmission speed up to 200 mt - 12 Mbit/s	Nominal capacity 50 pF/m Impedance 100 ohm +/- 15 Transmission speed up to 200 mt - 12 Mbit/s
Temperatura di lavoro Work range	-20 / +80°C Static App.	-30 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	5 x Ø esterno Static App.	5 x Ø esterno Static App. 10 x Ø esterno Dynamic App.
Schermatura Shield	I - in poliestere / aluminium II - A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	I - in poliestere / aluminium II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	300 m / min
Accelerazione Acceleration	---	40 m / seq

PROLUNGHE PER RETI PROFIBUS

PROFIBUS NETWORKS EXTENSIONS



PROFIBUS

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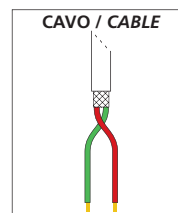


TABELLA COLORI COLOURS TABLE			
2	LINE A	GN	
4	LINE B	RD	
CONNETTORE SCHERMATO SHIELDED CONNECTOR			

		A						
		M12						
		 M AX	 M RD	 F AX	 F RD	 M 273	 F 593	
B	M12	 F 593	14	18	22	26	33	36
		 M 273	12	16	20	24	31	
		 F RD	07	06	01	05		
		 F AX	03	04	02			
		 M RD	09	08				
		 M AX	10					

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) Cod. (vedi tabella) Code (like tab)	
AS-PLPB050/***	
lunghezza cavo Cable length 001 = 10 cm 010 = 1 m 100 = 10 m	X = ghiera inox / inox ring nut

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS			
Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut		min. 50 pcs	X
SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS		
Normativa di riferimento	Reference standards	IEC 61076-2-101	
Corrente Nominale	Nominal Currents	4 A	
Tensione Nominale	Nominal Voltage	60 V AC-DC	
Grado di protezione	Protection Class	IP67	
Resistività di massa	Resistance	≤ 5mΩ	
Temperatura di esercizio	Working Temperature	-20/+80°C	

PROFIBUS		
COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	(1 x 2 x 0.64 Ø) SNVST	(1 x 2 x 0.64 Ø) SNVST
Diametri Diameter	7.7 +/- 0.2	7.8 +/- 0.2
Guaina Esterna Outer Jacket	PVC Violet Ral 4001 Oil resistant --- STYLE 2464 Flam retardant FT1	PUR Violet Ral 4001 Oil resistant UL758/ UL2556/ EN50363-10-2 STYLE 20549 Flam retardant FT2 Halogen Free
Norme di riferimento Reference standards	Desina	Desina
Caratteristiche elettriche Electrical characteristics	Nominal Impedence 150 ohm +/- 15 Transmission speed up to 200 mt - 12 Mbit/s	Nominal capacity 50 pF/m Impedence 100 ohm +/- 15 Transmission speed up to 200 mt - 12 Mbit/s
Temperatura di lavoro Work range	-20 / +80°C Static App.	-30 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	5 x Ø esterno Static App.	5 x Ø esterno Static App. 10 x Ø esterno Dynamic App.
Schermatura Shield	I - in poliestere / alluminium II - A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	I - in poliestere / alluminium II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslaction's speed	---	300 m / min
Accelerazione Acceleration	---	40 m / secq

PROFIBUS

PROFIBUS

ADATTATORE SUB-D Maschio-Femmina / SUB-D ADAPTER Male-Female

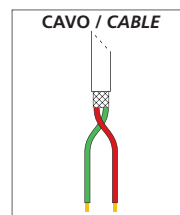
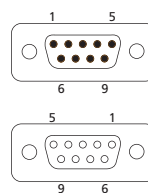
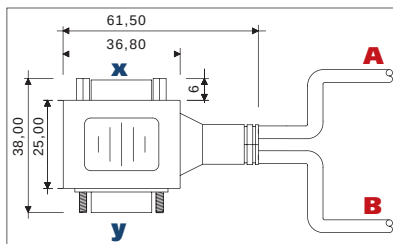


TABELLA COLORI / COLOURS TABLE

A	B	C
M 12	M 12	SUB-D
2	2	LINE A GN 8
4	4	LINE B RD 3

CONNETTORE SCHERMATO / SHIELDED CONNECTOR

A							
M12							FREE
	M AX	M RD	F AX	F RD	M 273	F 593	FREE
FREE		09	17	24	30	39	44
B		08	16	23	29	38	43
		06	14	21	27	36	
		04	12	19	25		
		03	11	18			
		02	10				
		01					

ORIENTATION SUB-D

X

A-male pin 1 up
B-male pin 1 down
C-female pin 1 up
D-female pin 1 down

Y

A-male pin 1 up
B-male pin 1 down
C-female pin 1 up
D-female pin 1 down

ORIENTAMENTO SUB-D

X

A-maschio pin 1 alto
B-maschio pin 1 basso
C-femmina pin 1 alto
D-femmina pin 1 basso

Y

A-maschio pin 1 alto
B-maschio pin 1 basso
C-femmina pin 1 alto
D-femmina pin 1 basso

COMPOSIZIONE CODICE
CODE COMPOSITIONCONFIGURAZIONI AGGIUNTIVE
MORE CONFIGURATIONS

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

Cod. (vedi tabella)
Code (like tab)

AS-APB2S9XY050/***

Orientamento Sub-d
Orientation Sub-d
Code (like tab)

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m

X = ghiera inox / inox ring nut

PROFIBUS

COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	(1 x 2 x 0.64 Ø) SN/ST	(1 x 2 x 0.64 Ø) SN/ST
Diametri Diameter	7.7 +/- 0.2	7.8 +/- 0.2
Guaina Esterna Outer Jacket	PVC Violet Ral 4001 Oil resistant --- STYLE 2464 Flam retardant FT1	PUR Violet Ral 4001 Oil resistant UL758/ UL2556/ EN50363-10-2 STYLE 20549 Flam retardant FT2 Halogen Free
Norme di riferimento Reference standards		
Caratteristiche elettriche Electrical characteristics	Nominal Impedance 150 ohm +/- 15 Transmission speed up to 200 mt - 12 Mbit/s	Nominal capacity 50 pF/m Impedance 100 ohm +/- 15 Transmission speed up to 200 mt - 12 Mbit/s
Temperatura di lavoro Work range	-20 / +80°C Static App.	-30 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	5 x Ø esterno Static App.	5 x Ø esterno Static App. 10 x Ø esterno Dynamic App.
Schermatura Shield	I - in poliestere / alluminium II - A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	I - in poliestere / alluminium II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	300 m / min
Accelerazione Acceleration	---	40 m / secq

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 50 pcs X

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 4 A
Tensione Nominale	Nominal Voltage 60 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio	Working Temperature -20/+80°C

TERMINATORI DI RETE PROFIBUS PROFIBUS NETWORK TERMINATORS



PROFIBUS

PROFIBUS

TERMINATORE SUB-D / SUB-D TERMINATOR

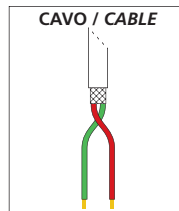
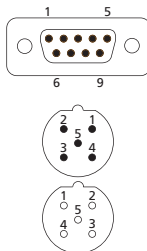
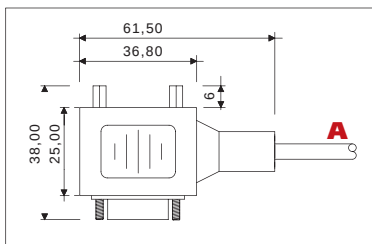


TABELLA COLORI / COLOURS TABLE			
A			C
M 12		SUB-D	
2	LINE A	GN	8
4	LINE B	RD	3
CONNETTORE SCHERMATO SHIELDED CONNECTOR			

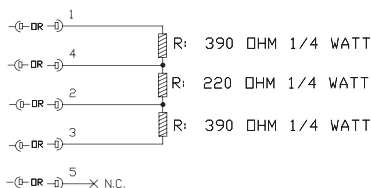
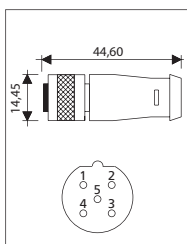
COMPOSIZIONE CODICE CODE COMPOSITION	
Tipologia cavo (vedi cod. in tabella) Cable type (code like table)	
AS-TPBS9	050/**
lunghezza cavo Cable length 001 = 10 cm 010 = 1 m 100 = 10 m	Cod. (vedi tabella) Code (like tab)

COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	(1 x 2 x 0.64 Ø) SN/ST	(1 x 2 x 0.64 Ø) SN/ST
Diametri Diameter	7.7 +/- 0.2	7.8 +/- 0.2
Guaina Esterna Outer Jacket	PVC Violet Ral 4001 Oil resistant --- STYLE 2464 Flam retardant FT1	PUR Violet Ral 4001 Oil resistant UL758/UL2556/EN50363-10-2 STYLE 20549 Flam retardant FT2 Halogen Free
Norme di riferimento Reference standards	Desina	Desina
Caratteristiche elettriche Electrical characteristics	Nominal impedance 150 ohm +/- 15 Transmission speed up to 200 mt - 12 Mbit/s	Nominal capacity 50 pF/m Impedance 100 ohm +/- 15 Transmission speed up to 200 mt - 12 Mbit/s
Temperatura di lavoro Work range	-20 / +80°C Static App.	-30 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	5 x Ø esterno Static App.	5 x Ø esterno Static App. 10 x Ø esterno Dynamic App.
Schermatura Shield	I - in poliestere / aluminium II - A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	I - in poliestere / aluminium II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	300 m / min
Accelerazione Acceleration	---	40 m / secq

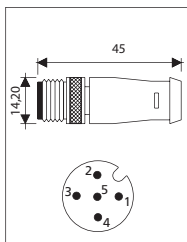
	A								
	M12								FREE
Pin1 in alto	01	02	03	04	05	06	07	08	09
Pin1 in basso	11	12	13	14	15	16	17	18	19

TERMINATORI M12 / M12 TERMINATORS

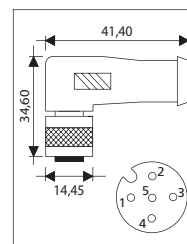
Femmina AX / Female AX



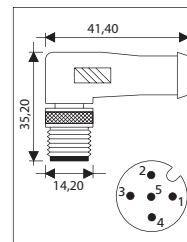
Maschio AX / Male AX



Femmina RD / Female RD



Maschio RD / Male RD



MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina)

MATERIALS

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorous bronze contact with gold flash (female), metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H. O-ring in Viton (female).

SPECIFICHE TECNICHE

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 4 A
Tensione Nominale	Nominal Voltage 60 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio	Working Temperature -20/+80°C

DEVICENET

DEVICENET

Connettori e Prolunghe per Reti Devicenet

*Connectors and extenders
for Devicenet networks*



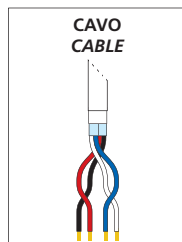
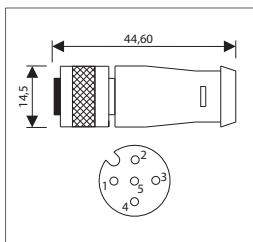
DEVICENET

DEVICENET

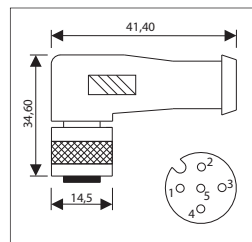
FEMMINA AX / FEMALE AX



Cod. AS-M12FAXDV/**



FEMMINA RD / FEMALE RD



Cod. AS-M12FRDDV/**

MASCHIO AX / MALE AX



Cod. AS-M12MAXDV/**

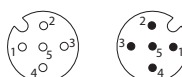
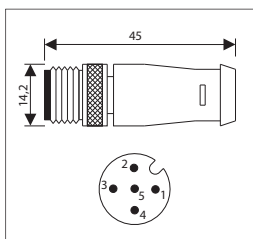
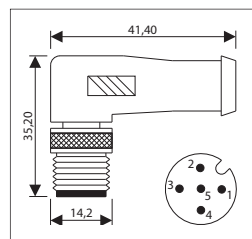


TABELLA COLORI COLOURS TABLE

1	SHIELD		
2	V+	RD	
3	V-	BK	
4	CAN_H	WH	
5	CAN_L	BU	

CONNETTORE SCHERMATO
SHIELDED CONNECTOR

MASCHIO RD / MALE RD



Cod. AS-M12MRDDV/**

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) Cod. (vedi disegno) Code (like drawing) AS-M12***DV/050* lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	X = ghiera inox / inox ring nut

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 50 pcs X

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina)

MATERIALS

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorous bronze contact with gold flash (female), metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H. O-ring in Viton (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 4 A
Tensione Nominale	Nominal Voltage 60 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio	Working Temperature -20/+80°C

DEVICENET

COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	(2 x 24awg) SN + (2 x 22awg) SN/ST	(2 x 24awg) SN + (2 x 22awg) SN/ST
Diametri Diameter	7 +/- 0.2	7 +/- 0.2
Guaina Esterna Outer Jacket	PVC Violet Ral 4001 Oil resistant ISO 6722 STYLE 2464 Flam Test FT1	PUR Violet Ral 4001 Oil resistant ISO 6722/ UL1581/ IEC60811-2-1 STYLE 20233 Flam Test FT1
Norme di riferimento Reference standards	Desina	Desina
Caratteristiche elettriche Electrical characteristics	Nominal Impedance 120 ohm +/- 12 Transmission speed up to 200 mt - 500 Kbit/s	Nominal Impedance 120 ohm +/- 12 Transmission speed up to 200 mt - 500 Kbit/s
Temperatura di lavoro Work range	-25 / +80°C Static App. -5 / +80°C Dynamic App.	-40 / +80°C Static App. -20 / +70°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	5 x Ø esterno Static App. 10 x Ø esterno Dynamic App.
Schermatura Shield	I - in poliestere / alluminium sulle coppie II - A treccia - Copertura ≥ 65% Braided coverage ≥ 65%	I - in poliestere / alluminium sulle coppie II - A treccia - Copertura ≥ 65% Braided coverage ≥ 65%
Velocità di traslazione Traslation's speed	---	300 m / min
Accelerazione Acceleration	---	40 m / secq

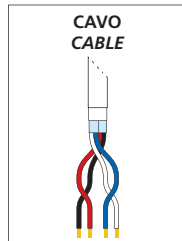
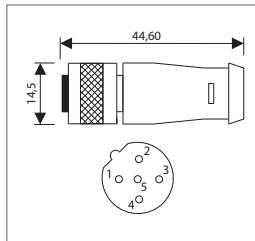
DEVICENET

DEVICENET

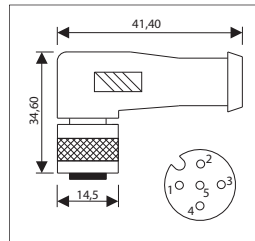
FEMMINA AX / FEMALE AX



Cod. AS-M12FAXDVB/**



FEMMINA RD / FEMALE RD



Cod. AS-M12FRDVB/**

MASCHIO AX / MALE AX



Cod. AS-M12MAXDVB/**

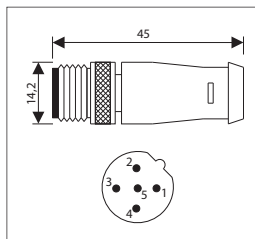
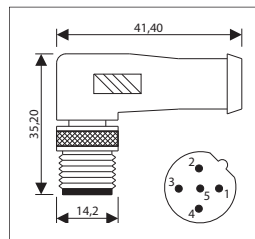


TABELLA COLORI COLOURS TABLE			
1	V+	RD	
3	V-	BK	
2	CAN_H	WH	
4	CAN_L	BU	
CONNETTORE SCHERMATO SHIELDED CONNECTOR			

MASCHIO RD / MALE RD



Cod. AS-M12MRDVB/**

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) Cod. (vedi disegno) Code (like drawing) AS-M12***DVB/050* lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	X = ghiera inox / inox ring nut

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 50 pcs X

DEVICENET

COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	(2 x 24awg) SN + (2 x 22awg) SN/ST	(2 x 24awg) SN + (2 x 22awg) SN/ST
Diametri Diameter	7 +/- 0.2	7 +/- 0.2
Guaina Esterna Outer Jacket	PVC Violet Ral 4001 Oil resistant ISO 6722 STYLE 2464 Flam Test FT1	PUR Violet Ral 4001 Oil resistant ISO 6722/ UL1581/ IEC60811-2-1 STYLE 20233 Flam Test FT1
Norme di riferimento Reference standards	Desina	Desina
Caratteristiche elettriche Electrical characteristics	Nominal Impedance 120 ohm +/- 12 Transmission speed up to 200 mt - 500 Kbit/s	Nominal Impedance 120 ohm +/- 12 Transmission speed up to 200 mt - 500 Kbit/s
Temperatura di lavoro Work range	-25 / +80°C Static App. -5 / +80°C Dynamic App.	-40 / +80°C Static App. -20 / +70°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	5 x Ø esterno Static App. 10 x Ø esterno Dynamic App.
Schermatura Shield	I - in poliestere / alluminium sulle coppie II - A treccia - Copertura ≥ 65% Braided coverage ≥ 65%	I - in poliestere / alluminium sulle coppie II - A treccia - Copertura ≥ 65% Braided coverage ≥ 65%
Velocità di traslazione Traslation's speed	---	300 m / min
Accelerazione Acceleration	---	40 m / secq

MATERIALI

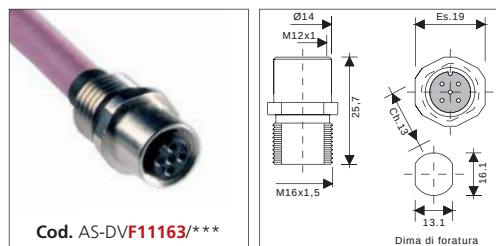
Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina)

MATERIALS

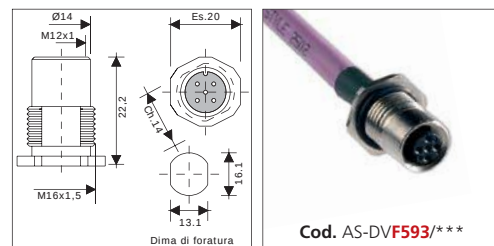
Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorouse bronze contact with gold flash (female), metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H. O-ring in Viton (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 4 A
Tensione Nominale	Nominal Voltage 60 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio	Working Temperature -20/+80°C

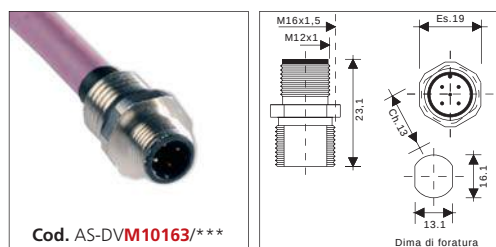
FEMMINA montaggio frontale con cavo FEMALE front mounting with cable



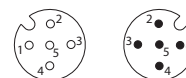
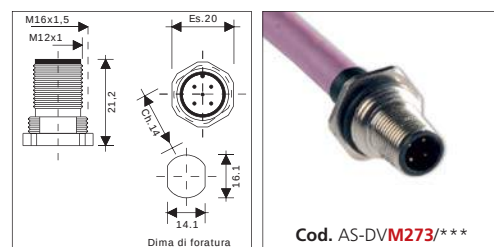
FEMMINA montaggio posteriore con cavo FEMALE rear mounting with cable



MASCHIO montaggio frontale con cavo MALE front mounting with cable



MASCHIO montaggio posteriore con cavo MALE rear mounting with cable



COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) Cod. (vedi disegno) Code (like drawing) AS-DV **** / 050 * * lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	X = ghiera inox / inox ring nut

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 50 pcs **X**

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato. O-ring di tenuta in Viton (femmina)

MATERIALS

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorous bronze contact with gold flash (female), metal ring nut in nickel-plated brass. O-ring in Viton (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 4 A
Tensione Nominale	Nominal Voltage 60 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio	Working Temperature -20/+80°C

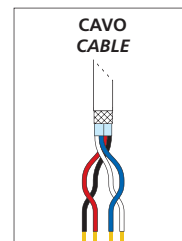
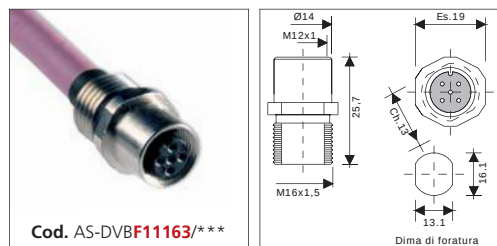


TABELLA COLORI COLOURS TABLE		
1	SHIELD	
2	V+	 RD
3	V-	 BK
4	CAN_H	 WH
5	CAN_L	 BU
CONNETTORE SCHERMATO SHIELDED CONNECTOR		

DEVICENET

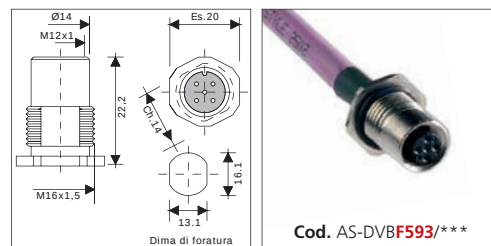
COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	(2 x 24awg) SN + (2 x 22awg) SN/ST	(2 x 24awg) SN + (2 x 22awg) SN/ST
Diametri Diameter	7 +/- 0.2	7 +/- 0.2
Guaina Esterna Outer Jacket	PVC Violet Ral 4001 Oil resistant ISO 6722 STYLE 2464 Flam Test FT1	PUR Violet Ral 4001 Oil resistant ISO 6722 / UL1581 / IEC60811-2-1 STYLE 20233 Flam Test FT1
Norme di riferimento Reference standards	Desina	Desina
Caratteristiche elettriche Electrical characteristics	Nominal Impedance 120 ohm +/- 12 Transmission speed up to 200 mt - 500 Kbit/s	Nominal Impedance 120 ohm +/- 12 Transmission speed up to 200 mt - 500 Kbit/s
Temperatura di lavoro Work range	-25 / +80°C Static App. -5 / +80°C Dynamic App.	-40 / +80°C Static App. -20 / +70°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	5 x Ø esterno Static App. 10 x Ø esterno Dynamic App.
Schermatura Shield	I - in poliestere / alluminium sulle coppie II - A treccia - Copertura ≥ 65% Braided coverage ≥ 65%	I - in poliestere / alluminium sulle coppie II - A treccia - Copertura ≥ 65% Braided coverage ≥ 65%
Velocità di traslazione Traslation's speed	---	300 m / min
Accelerazione Acceleration	---	40 m / seq

FEMMINA montaggio frontale con cavo
FEMALE front mounting with cable



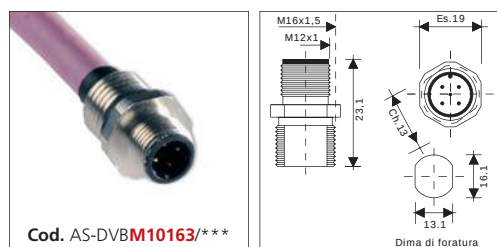
Cod. AS-DVBF11163/**

FEMMINA montaggio posteriore con cavo
FEMALE rear mounting with cable



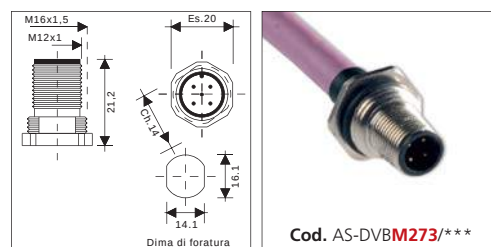
Cod. AS-DVBF593/**

MASCHIO montaggio frontale con cavo
MALE front mounting with cable



Cod. AS-DVBM10163/**

MASCHIO montaggio posteriore con cavo
MALE rear mounting with cable



Cod. AS-DVBM273/**

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) Cod. (vedi disegno) Code (like drawing) AS-DVB **** /050* lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	X = ghiera inox / inox ring nut

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 50 pcs X

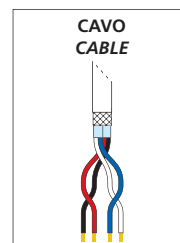
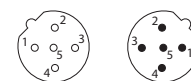
MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato. O-ring di tenuta in Viton (femmina)

MATERIALS

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorous bronze contact with gold flash (female), metal ring nut in nickel-plated brass. O-ring in Viton (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 4 A
Tensione Nominale	Nominal Voltage 60 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio	Working Temperature -20/+80°C



**TABELLA COLORI
COLOURS TABLE**

BODY SHIELD		
1	V+	RD
3	V-	BK
2	CAN_H	WH
4	CAN_L	BU
CONNETTORE SCHERMATO SHIELDED CONNECTOR		

DEVICENET

COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	(2 x 24awg) SN + (2 x 22awg) SN/ST	(2 x 24awg) SN + (2 x 22awg) SN/ST
Diametri Diameter	7 +/- 0.2	7 +/- 0.2
Guaina Esterna Outer Jacket	PVC Violet Ral 4001 Oil resistant ISO 6722 STYLE 2464 Flam Test FT1	PUR Violet Ral 4001 Oil resistant ISO 6722/ UL1581/ IEC60811-2-1 STYLE 20233 Flam Test FT1
Norme di riferimento Reference standards	Desina	Desina
Caratteristiche elettriche Electrical characteristics	Nominal Impedance 120 ohm +/- 12 Transmission speed up to 200 mt - 500 Kbit/s	Nominal Impedance 120 ohm +/- 12 Transmission speed up to 200 mt - 500 Kbit/s
Temperatura di lavoro Work range	-25 / +80°C Static App. -5 / +80°C Dynamic App.	-40 / +80°C Static App. -20 / +70°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	5 x Ø esterno Static App. 10 x Ø esterno Dynamic App.
Schermatura Shield	I - in poliestere / alluminio sulle coppie II - A treccia - Copertura ≥ 65% Braided coverage ≥ 65%	I - in poliestere / alluminio sulle coppie II - A treccia - Copertura ≥ 65% Braided coverage ≥ 65%
Velocità di traslazione Traslation's speed	---	300 m / min
Accelerazione Acceleration	---	40 m / seq

DEVICENET

DEVICENET



		A						
		M12						
		 M AX	 M RD	 F AX	 F RD	 M 273	 F 593	
B	M12	 F 593	14	18	22	26	33	36
	 M 273	12	16	20	24	31		
	 F RD	07	06	01	05			
	 F AX	03	04	02				
	 M RD	09	08					
	 M AX	10						
		DEVICE						
		COD.						

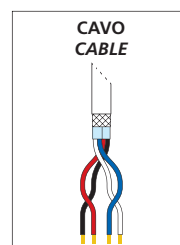
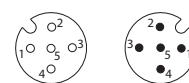


TABELLA COLORI			
COLOURS TABLE			
1	SHIELD		
2	V+		RD
3	V-		BK
4	CAN_H		WH
5	CAN_L		BU
CONNETTORE SCHERMATO			
SHIELDED CONNECTOR			

COMPOSIZIONE CODICE	CONFIGURAZIONI AGGIUNTIVE
CODE COMPOSITION	MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AS-PLDV050/*** lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m Cod. (vedi tabella) Code (like tab)	* X = ghiera inox / inox ring nut

DEVICENET

COD.	(F)	(M)
SPECIFICHE CAVO	CAVO PVC POSA FISSA	CAVO PUR POSA MOBILE
CABLE SPECIFICATIONS	PVC FIXED INSTALL. CABLE	PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	(2 x 24awg) SN + (2 x 22awg) SN/ST	(2 x 24awg) SN + (2 x 22awg) SN/ST
Diametri Diameter	7 +/- 0.2	7 +/- 0.2
Guaina Esterna Outer Jacket	PVC Violet Ral 4001 Oil resistant ISO 6722 STYLE 2464 Flam Test FT1	PUR Violet Ral 4001 Oil resistant ISO 6722/ UL1581/ IEC60811-2-1 STYLE 20233 Flam Test FT1
Norme di riferimento Reference standards	Desina	Desina
Caratteristiche elettriche Electrical characteristics	Nominal Impedance 120 ohm +/- 12 Transmission speed up to 200 mt - 500 Kbit/s	Nominal Impedance 120 ohm +/- 12 Transmission speed up to 200 mt - 500 Kbit/s
Temperatura di lavoro Work range	-25 / +80°C Static App. -5 / +80°C Dynamic App.	-40 / +80°C Static App. -20 / +70°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	5 x Ø esterno Static App. 10 x Ø esterno Dynamic App.
Schermatura Shield	I - in poliestere / aluminium sulle coppie II - A treccia - Copertura ≥ 65% Braided coverage ≥ 65%	I - in poliestere / aluminium sulle coppie II - A treccia - Copertura ≥ 65% Braided coverage ≥ 65%
Velocità di traslazione Traslation's speed	---	300 m / min
Accelerazione Acceleration	---	40 m / secq

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
---	-------------	---

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale	Nominal Voltage	60 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio	Working Temperature	-20/+80°C

DEVICENET

DEVICENET



A						
M12						
	M AX	M RD	F AX	F RD	M 273	F 593
F 593	14	18	22	26	33	36
M 273	12	16	20	24	31	
F RD	07	06	01	05		
F AX	03	04	02			
M RD	09	08				
M AX	10					

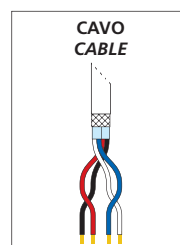
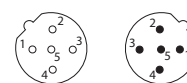


TABELLA COLORI
COLOURS TABLE

BODY	SHIELD	
1	V+	RD
3	V-	BK
2	CAN_H	WH
4	CAN_L	BU

CONNETTORE SCHERMATO
SHIELDED CONNECTOR

COMPOSIZIONE CODICE
CODE COMPOSITION

Tipologia cavo
(vedi cod. in tabella)
Cable type
(code like table)

AS-PLDVB050/***

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m

Cod. (vedi tabella)
Code (like tab)

CONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS

X = ghiera inox / inox ring nut

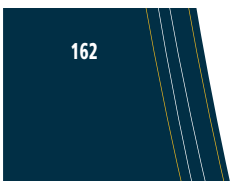
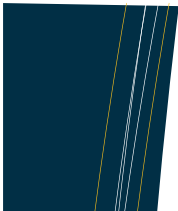
DEVICENET

COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	(2 x 24awg) SN + (2 x 22awg) SN/ST	(2 x 24awg) SN + (2 x 22awg) SN/ST
Diametri Diameter	7 +/- 0.2	7 +/- 0.2
Guaina Esterna Outer Jacket	PVC Violet Ral 4001 Oil resistant ISO 6722 STYLE 2464 Flam Test FT1	PUR Violet Ral 4001 Oil resistant ISO 6722/ UL1581/ IEC60811-2-1 STYLE 20233 Flam Test FT1
Norme di riferimento Reference standards	Desina	Desina
Caratteristiche elettriche Electrical characteristics	Nominal Impedence 120 ohm +/- 12 Transmission speed up to 200 mt - 500 Kbit/s	Nominal Impedence 120 ohm +/- 12 Transmission speed up to 200 mt - 500 Kbit/s
Temperatura di lavoro Work range	-25 / +80°C Static App. -5 / +80°C Dynamic App.	-40 / +80°C Static App. -20 / +70°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	5 x Ø esterno Static App. 10 x Ø esterno Dynamic App.
Schermatura Shield	I - in poliestere / alluminium sulle coppie II - A treccia - Copertura ≥ 65% Braided coverage ≥ 65%	I - in poliestere / alluminium sulle coppie II - A treccia - Copertura ≥ 65% Braided coverage ≥ 65%
Velocità di traslazione Traslation's speed	---	300 m / min
Accelerazione Acceleration	---	40 m / seq

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut min. 50 pcs X

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 4 A
Tensione Nominale	Nominal Voltage 60 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio	Working Temperature -20/+80°C



CAN OPEN

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Connettori e Prolunghe per Reti CanOpen

*Connectors and extenders
for CanOpen networks*



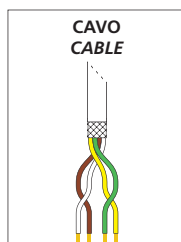
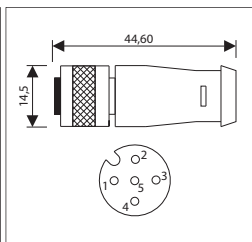
CAN OPEN

CAN OPEN

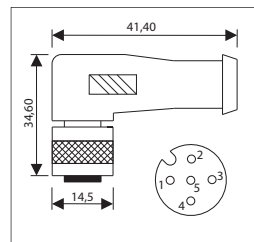
FEMMINA AX / FEMALE AX



Cod. AS-M12FAXCO/****



FEMMINA RD / FEMALE RD



Cod. AS-M12FRDCO/****

MASCHIO AX / MALE AX



Cod. AS-M12MAXCO/****

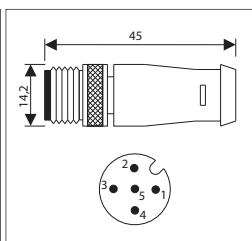
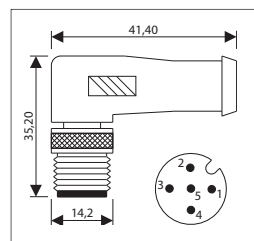


TABELLA COLORI COLOURS TABLE	
1	SHIELD
2	CAN_V+
3	CAN_GND
4	CAN_H
5	CAN_L

MASCHIO RD / MALE RD



Cod. AS-M12MRDCO/****

MASCHIO SUB D / MALE SUB D



Cod. AS-SD9MCO/****

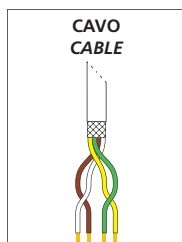
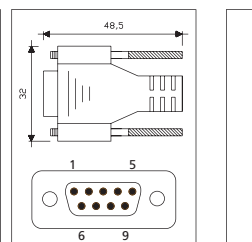
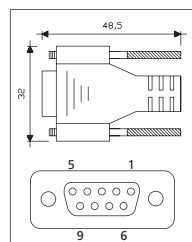


TABELLA COLORI COLOURS TABLE	
2	CAN_L
3	CAN_GND
7	CAN_H
9	CAN_V+
5	SHIELD

FEMMINA SUB D / FEMALE SUB D



Cod. AS-SD9FCO/****

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table)	
Cod. (vedi disegno) Code (like drawing)	
AS-****CO/050*	
	H = schermo connesso alla ghiera shield connect nut
	X = ghiera inox / inox ring nut
	HX = connettore schermato e ghiera inox shielded connector and inox ring nut
lunghezza cavo cable length	
001 = 10 cm	
010 = 1 m	
100 = 10 m	

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI M12

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina)

MATERIALS M12

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorous bronze contact with gold flash (female), metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H. O-ring in Viton (female).

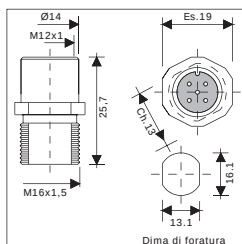
SPECIFICHE TECNICHE M12	TECHNICAL SPECIFICATIONS M12
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 4 A
Tensione Nominale	Nominal Voltage 60 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio	Working Temperature -20/+80°C

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COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x 22AWG ST	2 x 2 x 22AWG ST
Diametri Diameter	7 +/- 0.2	7.4 +/- 0.2
Guaina Esterna Outer Jacket	PVC Violet Ral 4001 Oil resistant UL 1581 STYLE 2502 Flam retardant FT1	PUR Violet Ral 4001 Oil resistant UL 1581 STYLE 20236 Flam retardant FT1 Halogen Free
Norme di riferimento Reference standards	Desina Classe 2	Desina Classe 6
Caratteristiche elettriche Electrical characteristics	Nominal Capacity 50 pF/m Nominal Impedence 120 ohm Transmission speed up to 40 mt - 1000 Kbit/s	Nominal Capacity 50 pF/m Nominal Impedence 120 ohm Transmission speed up to 40 mt - 1000 Kbit/s
Temperatura di lavoro Work range	-20 / +80°C Static App.	-20 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	5 x Ø esterno	10 x Ø esterno
Schermatura Shield	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / seqq

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FEMMINA montaggio frontale con cavo
FEMALE front mounting with cable



MASCHIO montaggio frontale con cavo
MALE front mounting with cable

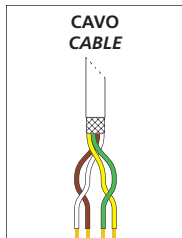
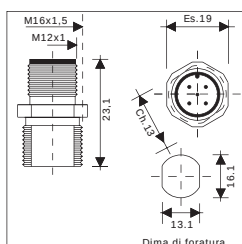


TABELLA COLORI COLOURS TABLE		
1	SHIELD	
2	CAN_V+	
3	CAN_GND	
4	CAN_H	
5	CAN L	

NOTA: Il prodotto è completo di dado e o-ring per fissaggio al pannello.

NOTE: The product is sold with o-ring and fixing nut.

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / <i>Inox AISI 304 Ring Nut</i>	min. 50 pcs	X
Connettore schermato / <i>Shielded Connector</i>		H

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato. O-ring di tenuta in Viton (femmina)

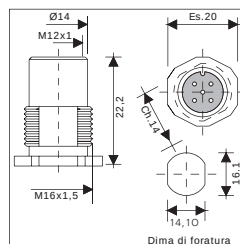
MATERIALS

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorous bronze contact with gold flash (female), metal ring nut in nickel-plated brass. O-ring in Viton (female).

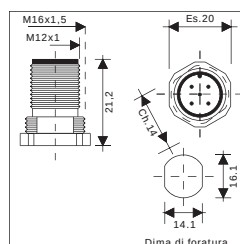
Specifiche Tecniche	Technical Specifications	
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale	Nominal Voltage	60 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio	Working Temperature	-20/+80°C

CAN OPEN

FEMMINA montaggio posteriore con cavo
FEMALE rear mounting with cable



MASCHIO montaggio posteriore con cavo
MALE rear mounting with cable



COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) Cod. (vedi disegno) Code (like drawing)	
AS-CO **** */050* **	
lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	H = schermo connesso alla ghiera shield connect nut X = ghiera inox / inox ring nut HX = connettore schermato e ghiera inox shielded connector and inox ring nut

CAN OPEN

COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x 22AWG ST	2 x 2 x 22AWG ST
Diametri Diameter	7 +/- 0.2	7.4 +/- 0.2
Guaina Esterna Outer Jacket	PVC Violet Ral 4001 Oil resistant UL 1581 STYLE 2502 Flam retardant FT1	PUR Violet Ral 4001 Oil resistant UL 1581 STYLE 20236 Flam retardant FT1 Halogen Free
Norme di riferimento Reference standards	 Desina Classe 2	 Desina Classe 6
Caratteristiche elettriche Electrical characteristics	Nominal Capacity 50 pf/m Nominal Impedence 120 ohm Transmission speed up to 40 mt - 1000 Kbit/s	Nominal Capacity 50 pf/m Nominal Impedence 120 ohm Transmission speed up to 40 mt - 1000 Kbit/s
Temperatura di lavoro Work range	-20 / +80°C Static App.	-20 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	5 x Ø esterno	10 x Ø esterno
Schermatura Shield	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / secq

PROLUNGHE PER RETI CAN OPEN

CAN OPEN NETWORK EXTENSIONS



CAN OPEN

CAN OPEN



CAVO / CABLE



PROLUNGHE DIRITTE / PROLONGUES DIRITES

A		B	
M12	SUB09	M12	SUB09
1	5	SHIELD	
2	9	CAN_V+	BN
3	3	CAN_GND	WH
4	7	CAN_H	YE
5	2	CAN_L	GN

		A							
		M12						SUB 09	
		M AX	M RD	F AX	F RD	M 273	F 593	M	F
SUB 09	F	14	17	05	10	54	52	20	19
	M	15	18	06	11	50	48	21	
M12	F 593	47	46	45	44	42	40		
	M 273	32	31	30	29	27			
	F RD	08	09	02	07				
	F AX	03	04	01					
	M RD	13	16						
	M AX	12							

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AS-PLCO050/*** lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m Cod. (vedi tabella) Code (like tab)	*** H = connettore schermato shielded connector X = ghiera inox / inox ring nut HX = connettore schermato e ghiera inox shielded connector and inox ring nut

CAN OPEN

COD.

(F)

(M)

SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x 22AWG ST	2 x 2 x 22AWG ST
Diametri Diameter	7 +/- 0.2	7.4 +/- 0.2
Guaina Esterna Outer Jacket	PVC Violet Ral 4001 Oil resistant UL 1581 STYLE 2502 Flam retardant FT1	PUR Violet Ral 4001 Oil resistant UL 1581 STYLE 20236 Flam retardant FT1 Halogen Free
Norme di riferimento Reference standards	Desina Classe 2	Desina Classe 6
Caratteristiche elettriche Electrical characteristics	Nominal Capacity 50 pF/m Nominal Impedence 120 ohm Transmission speed up to 40 mt - 1000 Kbit/s	Nominal Capacity 50 pF/m Nominal Impedence 120 ohm Transmission speed up to 40 mt - 1000 Kbit/s
Temperatura di lavoro Work range	-20 / +80°C Static App.	-20 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	5 x Ø esterno	10 x Ø esterno
Schermatura Shield	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / secq

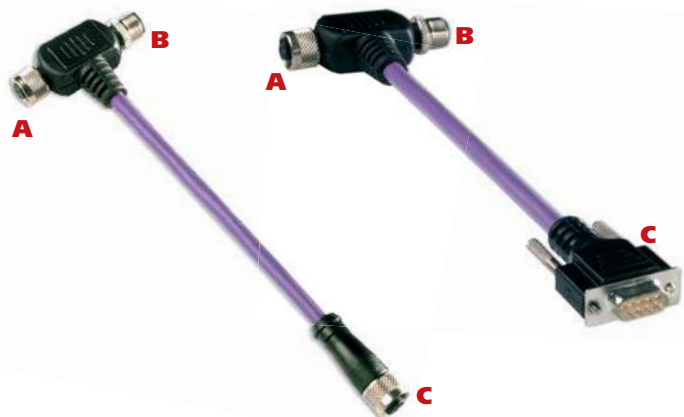
CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

SPECIFICHE TECNICHE M12	TECHNICAL SPECIFICATIONS M12	
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale	Nominal Voltage	60 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio	Working Temperature	-20/+80°C

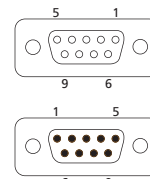
CAN OPEN

CAN OPEN

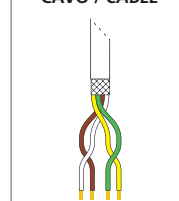


TIPOLOGIA CONNESSIONI			COD
A	B	C	
M12 - Fem	M12 - Ma	M12 - Fem - AX	01
M12 - Fem	M12 - Ma	M12 - Fem - RD	02
M12 - Fem	M12 - Ma	M12 - Mas - AX	03
M12 - Fem	M12 - Ma	M12 - Mas - RD	04
M12 - Fem	M12 - Ma	SUB - 09 Fem	05
M12 - Fem	M12 - Ma	SUB - 09 Mas	06
M12 - Fem	M12 - Ma	Fili liberi - Free	07

A-B		C	
M12		M12	SUB09
1	SHIELD	1	5
2	CAN_V+	2	9
3	CAN_GND	3	3
4	CAN_H	4	7
5	CAN_L	5	2



CAVO / CABLE



CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI M12

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina)

MATERIALS M12

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorous bronze contact with gold flash (female), metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H. O-ring in Viton (female).

SPECIFICHE TECNICHE M12	TECHNICAL SPECIFICATIONS M12	
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale	Nominal Voltage	60 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio	Working Temperature	-20/+80°C

COMPOSIZIONE CODICE CODE COMPOSITION

Tipologia cavo
(vedi cod. in tabella)
Cable type
(code like table)

AS-TRCO050/***

lunghezza cavo
cable length
001 = 10 cm
010 = 1 m
100 = 10 m

Cod. (vedi tabella)
Code (like tab)

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

H = connettore schermato
shielded connector
X = ghiera inox / inox ring nut
HX = connettore schermato
e ghiera inox
shielded connector
and inox ring nut

CAN OPEN

COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x 22AWG ST	2 x 2 x 22AWG ST
Diametri Diameter	7 +/- 0.2	7.4 +/- 0.2
Guaina Esterna Outer Jacket	PVC Violet Ral 4001 Oil resistant UL 1581 STYLE 2502 Flam retardant FT1	PUR Violet Ral 4001 Oil resistant UL 1581 STYLE 20236 Flam retardant FT1 Halogen Free
Norme di riferimento Reference standards	Desina Classe 2	Desina Classe 6
Caratteristiche elettriche Electrical characteristics	Nominal Capacity 50 pF/m Nominal Impedance 120 ohm Transmission speed up to 40 mt - 1000 Kbit/s	Nominal Capacity 50 pF/m Nominal Impedance 120 ohm Transmission speed up to 40 mt - 1000 Kbit/s
Temperatura di lavoro Work range	-20 / +80°C Static App.	-20 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	5 x Ø esterno	10 x Ø esterno
Schermatura Shield	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / secq

PROLUNGHE A Y PER RETI CAN OPEN Y EXTENDERS FOR CAN OPEN NETWORKS



CAN OPEN

CAN OPEN

MASCHIO / MALE

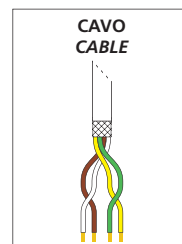
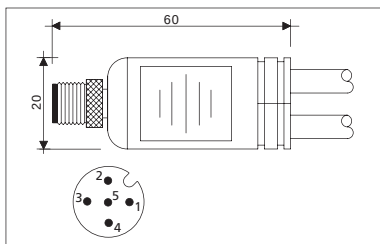


TABELLA COLORI COLOURS TABLE				
1	SHIELD			
2	CAN_V+		BN	
3	CAN_GND		WH	
4	CAN_H		YE	
5	CAN_L		GN	

A					
M12					FREE
	M AX	M RD	F AX	F RD	FREE
FREE					
M12	09	13	16	18	19
	04	12	15	17	
	03	11	14		
	02	10			
	01				

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AS-COYM050/*** lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m Cod. (vedi tabella) Code (like tab)	H = connettore schermato shielded connector X = ghiera inox / inox ring nut HX = connettore schermato e ghiera inox shielded connector and inox ring nut

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox AISI 304 / Inox AISI 304 Ring Nut	min. 50 pcs	X
Connettore schermato / Shielded Connector		H

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina)

MATERIALS

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorous bronze contact with gold flash (female), metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H. O-ring in Viton (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale	Nominal Voltage	60 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio	Working Temperature	-20/+80°C

CAN OPEN

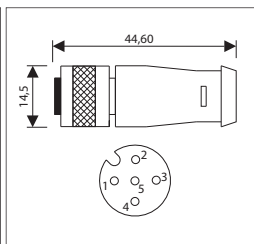
COD.	(F)	(M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x 22AWG ST	2 x 2 x 22AWG ST
Diametri Diameter	7 +/- 0.2	7.4 +/- 0.2
Guaina Esterna Outer Jacket	PVC Violet Ral 4001 Oil resistant UL 1581 STYLE 2502 Flam retardant FT1	PUR Violet Ral 4001 Oil resistant UL 1581 STYLE 20236 Flam retardant FT1 Halogen Free
Norme di riferimento Reference standards	Desina Classe 2	Desina Classe 6
Caratteristiche elettriche Electrical characteristics	Nominal Capacity 50 pF/m Nominal Impedance 120 ohm Transmission speed up to 40 mt - 1000 Kbit/s	Nominal Capacity 50 pF/m Nominal Impedance 120 ohm Transmission speed up to 40 mt - 1000 Kbit/s
Temperatura di lavoro Work range	-20 / +80°C Static App.	-20 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	5 x Ø esterno	10 x Ø esterno
Schermatura Shield	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / seq

TERMINATORI DI RETE / NETWORK TERMINATORS

FEMMINA AX / FEMALE AX



Cod. AS-M12TCOFAX

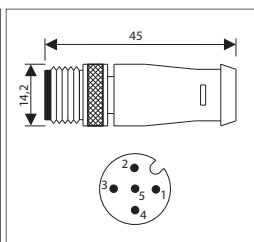

 $\begin{matrix} \text{---} \text{---} \text{---} \text{---} \end{matrix} \begin{matrix} 1 \\ \text{---} \end{matrix} \times \text{N.C.}$
 $\begin{matrix} \text{---} \text{---} \text{---} \text{---} \end{matrix} \begin{matrix} 2 \\ \text{---} \end{matrix} \times \text{N.C.}$
 $\begin{matrix} \text{---} \text{---} \text{---} \text{---} \end{matrix} \begin{matrix} 3 \\ \text{---} \end{matrix} \times \text{N.C.}$
 $\begin{matrix} \text{---} \text{---} \text{---} \text{---} \end{matrix} \begin{matrix} 4 \\ \text{---} \end{matrix} \times \text{N.C.}$

R: 120 OHM 1/4 WATT

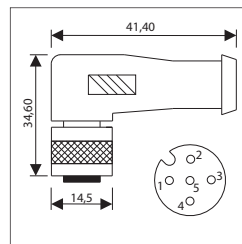
MASCHIO AX / MALE AX



Cod. AS-M12TCOMAX



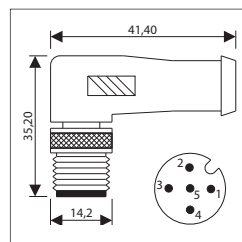
FEMMINA RD / FEMALE RD



Cod. AS-M12TCOFRD



MASCHIO RD / MALE RD



Cod. AS-M12TCOMRD



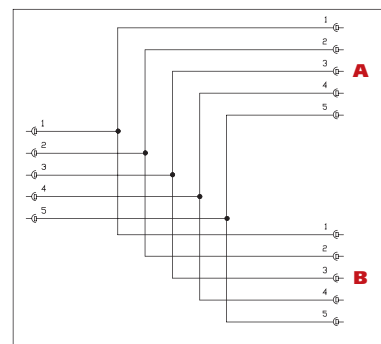
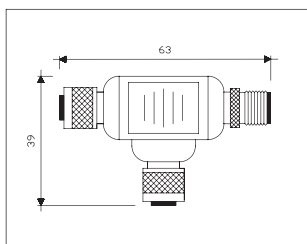
MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina)

MATERIALS

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorouse bronze contact with gold flash (female), metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H. O-ring in Viton (female).

RACCORDI A T / ELBOWS T



CONNESSIONI / CONNECTION			CODICE / CODE	
A	B	C	NOT SHIELDED	SHIELDED
M12 - Fem	M12 - Ma	M12 - Fem	AS-RX050505/02	AS-RX050505/02H
M12 - Fem	M12 - Ma	M12 - Ma	AS-RX050505/12	AS-RX050505/12H

MATERIALI

Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03 (maschio) o stampato in bronzo fosforoso e doratura gold flash (femmina), ghiera di tenuta meccanica in Ottone Nichelato, corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina)

MATERIALS

Contact plug in self-extinguishing ABS UL94, turned contact with gold plating AU03 (male) or phosphorouse bronze contact with gold flash (female), metal ring nut in nickel-plated brass, body in black polyamide, shore hardness 92H. O-ring in Viton (female).

NOTA: per altre tipologie di connessione vedere pag. 48.

NOTA: other connection type on page 48.

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale	Nominal Voltage	60 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio	Working Temperature	-20/+80°C

PERSONALIZZAZIONI / TAILOR-MADE SOLUTIONS

Possiamo realizzare reti personalizzate, riducendo il numero di connessioni, ottimizzando l'applicazione finale e riducendone il costo complessivo.

A lato, due esempi:

1 Rete a catenella. Il suo impiego è destinato a macchine modulari equidistanti tra loro.

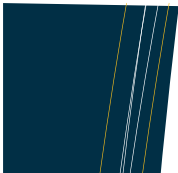
2 Esempio di drop con trunk collegati che permettono di evitare connessioni inutili.

Here are some examples of CAN networks carried out with a minor number of connections allowing economic savings and optimizing final applications.

1 Daisy chain network designed for modular equidistant machines.

2 Example of drop and trunk line, connected this way allow to avoid useless connections.





Connettori EN175301-803

EN175301-803 Connectors

EN175301-803

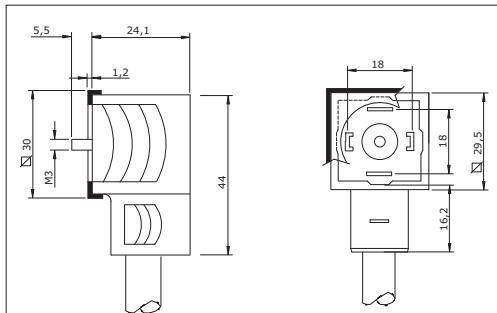


EN175301-803-A, 18mm

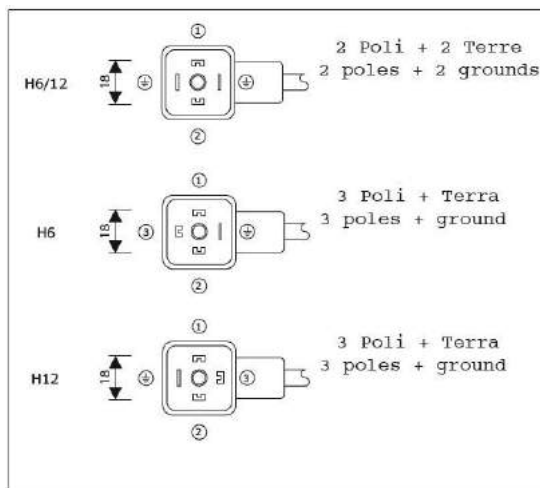


Cod. 82E04*00***

EN175301-803-A, 18mm

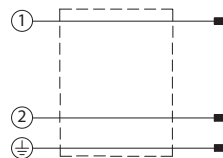


Cod. 82E04*00***

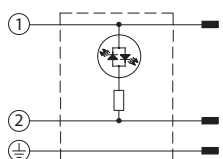


CIRCUITI INTERNI INTERNAL CIRCUIT

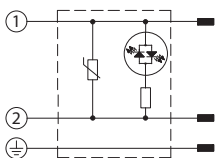
Senza componenti Without components



Con led With led



Con led e varistore With led and varistor



Con led e diodo With led and diode

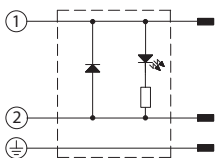


TABELLA COLORI COLOURS TABLE

1	BN
2	BU
PE	YEGN

TABELLA COLORI COLOURS TABLE

1	BN
2	BU
3	BK
PE	YEGN

COMPOSIZIONE CODICE CODE COMPOSITION

Circuito interno (vedi schema elettrico)
Internal circuit (refer to wiring diagram)

- 0 = con led e varistore / with led and var.
2 poles + heart H6-H12 (24V)
- 1 = senza led / without led
2 poles + heart H6-H12 (24V)
- 2 = con led / with led
2 poles + heart H6-H12 (24V)
- 3 = con led e diodo / with led and diode
2 poles + heart H6-H12 (24V)
- 7 = senza led / without led
3 poles + heart H6 (24V)
- 8 = senza led / without led
3 poles + heart H12 (24V)

8-82E04*0*

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

0 = PVC

5 = PUR

lunghezza cavo
cable length

0 = 1 m

3 = 3 m

4 = 5 m

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

Tensioni
Voltages
/115 = 115V
/230 = 230V

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Tensione di lavoro / Rated voltage	min. 50 pcs	/115, /230
Lunghezza variabile / Variable length	min. 50 pcs	ON REQUEST

MATERIALI

Guarnizione in NBR autoestinguente.
Contatto saldato.

MATERIALS

NBR gasket self-extinguishing.
Contact soldered.

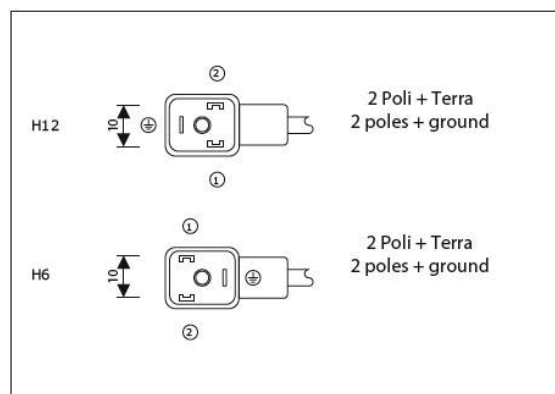
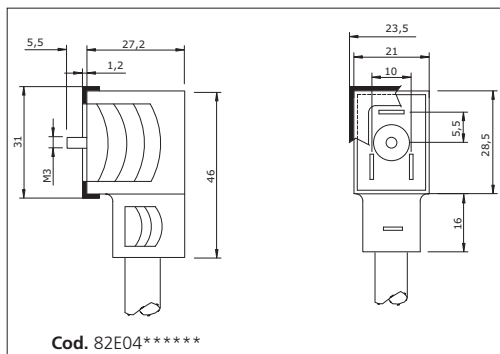
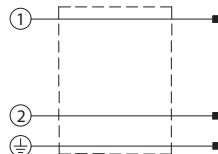
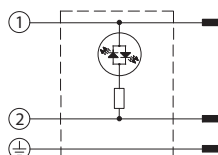
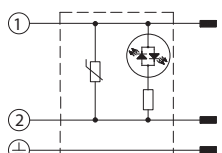
SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Sistema di fissaggio	Fixing system vite M3 / screw M3
Distanza Contatti	Contact Distance 18 mm
Tensione Nominale	Nominal Voltage 24 V - 115 V - 230 V
Grado di protezione	Protection Class IP67
Colore Led	Led Color Rosso / Red
Temperatura di esercizio (conn.)	Working Temperature (conn.) -15/+70°C Fix Install
Normativa di riferimento	Reference standards EN175301-803-A ISO4400 ex DIN43650-A

COD.	0	5	0	5
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PUR PUR CABLE	CAVO PUR PUR CABLE	CAVO PUR PUR CABLE
Sezioni Sections	3G0.75 mmq	3G0.75 mmq	4G0.75 mmq	4G0.75 mmq
Conduttori Conductor	---	---	---	---
Guaina Esterna Outer Jacket	PVC Oil Resistant Flam Retardant	PUR Li-YY11Y Oil Resistant Flam Retardant	PVC Oil Resistant Flam Retardant	PUR Li-YY11Y Oil Resistant Flam Retardant

EN175301-803-B, 10mm



EN175301-803-B, 10mm

CIRCUITI INTERNI
INTERNAL CIRCUITSenza componenti
Without componentsCon led
With ledCon led e varistore
With led and varistorTABELLA COLORI
COLOURS TABLE

1	BN
2	BU
PE	YEGN

COMPOSIZIONE CODICE
CODE COMPOSITION

Circuito interno (vedi schema elettrico)
Internal circuit (refer to wiring diagram)

- 4 = con led e varistore / with led and var
5 = senza led / without led
6 = con led / with led

Configurazioni (vedi disegno)
Configurations (see drawing)

- 1 = 2 Poles + hearts H6 (24V)
2 = 2 Poles + hearts H12 (24V)

8-82E04***

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

0 = PVC
5 = PUR

lunghezza cavo
cable length

0 = 1 m
3 = 3 m
4 = 5 m

CONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS

Tensioni
Voltages
/115 = 115V
/230 = 230V

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Tensione di lavoro / Rated voltage	min. 50 pcs	/115, /230
Lunghezza variabile / Variable length	min. 50 pcs	ON REQUEST

MATERIALI

Guarnizione in NBR autoestinguente.
Contatto saldato.

MATERIALS

NBR gasket self-extinguishing.
Contact soldered.

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Sistema di fissaggio	Fixing system	vite M3 / screw M3
Distanza Contatti	Contact Distance	10 mm
Tensione Nominale	Nominal Voltage	24 V - 115 V - 230 V
Grado di protezione	Protection Class	IP67
Colore Led	Led Color	Rosso / Red
Temperatura di esercizio (conn.)	Working Temperature (conn.)	-15/+70°C Fix Install
Normativa di riferimento	Reference standards	EN175301-803-B ISO6952 ex DIN43650-B

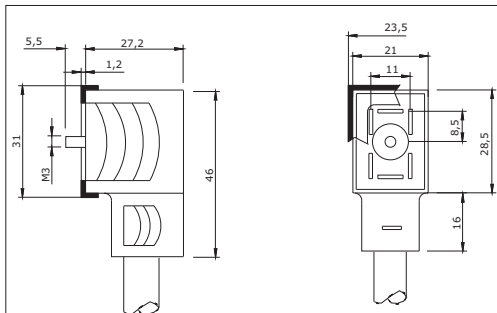
COD.	0	5
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PUR PUR CABLE
Sezioni Sections	3G0.75 mmq	3G0.75 mmq
Conduttori Conductor	---	---
Guaina Esterna Outer Jacket	PVC Oil Resistant Flam Retardant	PUR Li-YY11Y Oil Resistant Flam Retardant

DIN 43650-B IND, 11mm

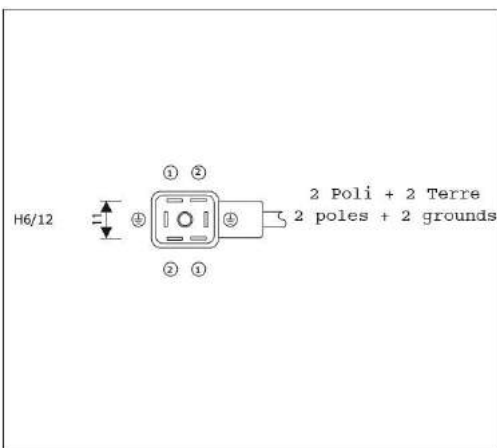


Cod. 82E04*1****

DIN 43650-B IND, 11mm

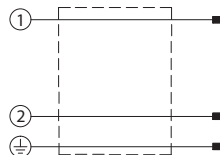


Cod. 82E04*1****

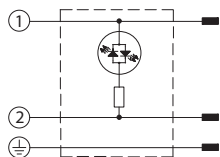


CIRCUITI INTERNI INTERNAL CIRCUIT

Senza componenti Without components



Con led With led



Con led e varistore With led and varistor

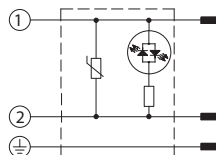


TABELLA COLORI COLOURS TABLE

1	BN
2	BU
PE	YEGN

COMPOSIZIONE CODICE CODE COMPOSITION

Circuito interno (vedi schema elettrico)
Internal circuit (refer to wiring diagram)

0 = con led e varistore / with led and var.
1 = senza led / without led
2 = con led / with led

Configurazioni (vedi disegno)
Configurations (see drawing)

1 = 2 Poles + hearts H6-H12 (24V)

8-82E04****

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

0 = PVC
5 = PUR

lunghezza cavo
cable length
0 = 1 m
3 = 3 m
4 = 5 m

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

Tensioni
Voltages
/115 = 115V
/230 = 230V

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Tensione di lavoro / Rated voltage	min. 50 pcs	/115, /230
Lunghezza variabile / Variable length	min. 50 pcs	ON REQUEST

MATERIALI

Guarnizione in NBR autoestinguente.
Contatto saldato.

MATERIALS

NBR gasket self-extinguishing.
Contact soldered.

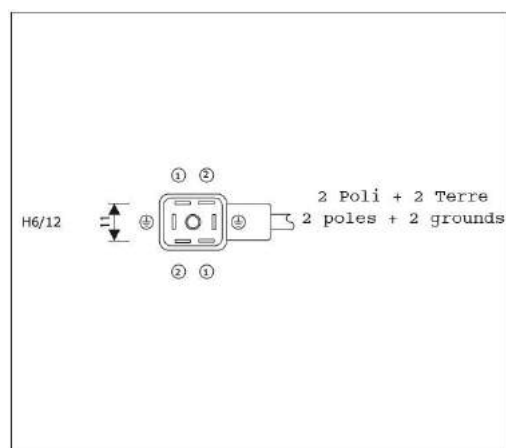
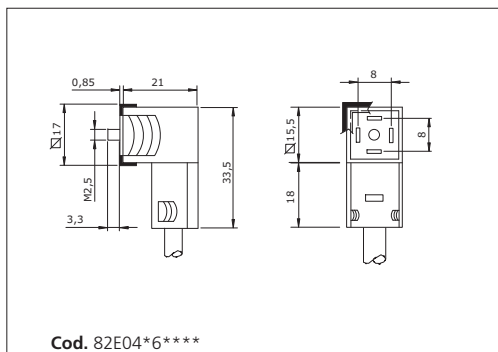
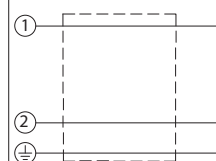
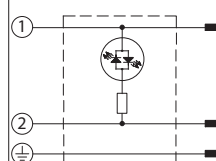
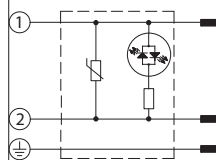
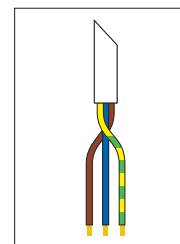
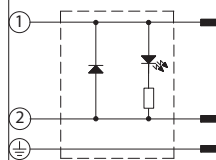
SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Sistema di fissaggio	Fixing system	vite M3 / screw M3
Distanza Contatti	Contact Distance	11 mm
Tensione Nominale	Nominal Voltage	24 V - 115 V - 230 V
Grado di protezione	Protection Class	IP67
Colore Led	Led Color	Rosso / Red
Temperatura di esercizio (conn.)	Working Temperature (conn.)	-15/+70°C Fix Install
Normativa di riferimento	Reference standards	EN175301-803-B IND ex DIN43650-B IND

COD.	0	5
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PUR PUR CABLE
Sezioni Sections	3G0.75 mmq	3G0.75 mmq
Conduttori Conductor	---	---
Guaina Esterna Outer Jacket	PVC Oil Resistant Flam Retardant	PUR Li-YY11Y Oil Resistant Flam Retardant

EN175301-803-C, 8mm



EN175301-803-C, 8mm

CIRCUITI INTERNI
INTERNAL CIRCUITSenza componenti
Without componentsCon led
With ledCon led e varistore
With led and varistorCon led e diodo
With led and diodeTABELLA COLORI
COLOURS TABLE

1	BN
2	BU
PE	YEGN

COMPOSIZIONE CODICE
CODE COMPOSITIONCircuito interno (vedi schema elettrico)
Internal circuit (refer to wiring diagram)

- 0 = con led e varistore / with led and var
1 = senza led / without led
2 = con led / with led
3 = con led e diodo / with led and diode

Configurazioni (vedi disegno)
Configurations (see drawing)

6 = 2 Poles + hearts H6-H12 (24V)

8-82E04***

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)0 = PVC
5 = PURlunghezza cavo
cable length0 = 1 m
3 = 3 m
4 = 5 mCONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONSTensioni
Voltages
/115 = 115V
/230 = 230V

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Tensione di lavoro / Rated voltage	min. 50 pcs	/115, /230
Lunghezza variabile / Variable length	min. 50 pcs	ON REQUEST

MATERIALI

Guarnizione in NBR autoestinguente.
Contatto saldato.

MATERIALS

NBR gasket self-extinguishing.
Contact soldered.

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Sistema di fissaggio	Fixing system	vite M2.5 / screw M2.5
Distanza Contatti	Contact Distance	8 mm
Tensione Nominale	Nominal Voltage	24 V - 115 V - 230 V
Grado di protezione	Protection Class	IP67
Colore Led	Led Color	Rosso / Red
Temperatura di esercizio (conn.)	Working Temperature (conn.)	-15/+70°C Fix Install
Normativa di riferimento	Reference standards	EN175301-803-C ISO15217 ex DIN43650-C

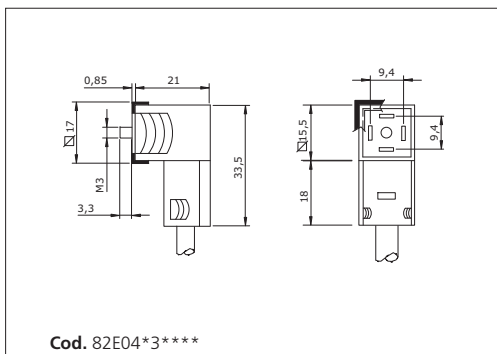
COD.	0	5
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PUR PUR CABLE
Sezioni Sections	3G0.50 mmq	3G0.50 mmq
Conduttori Conductor	---	---
Guaina Esterna Outer Jacket	PVC Oil Resistant Flam Retardant	PUR Li-YY11Y Oil Resistant Flam Retardant

DIN 43650-C IND, 9.4mm

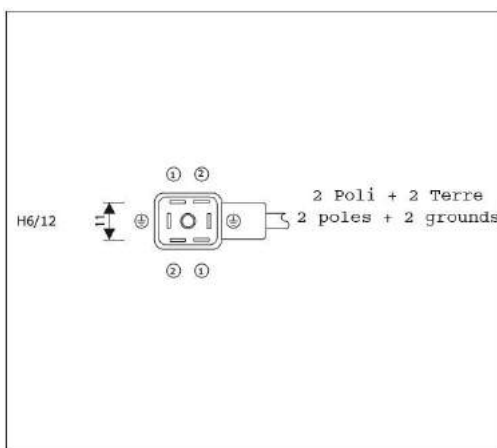


Cod. 82E04*3****

DIN 43650-C IND, 9.4mm

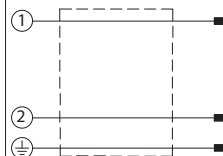


Cod. 82E04*3****

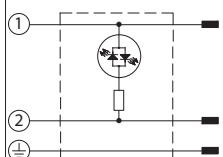


CIRCUITI INTERNI INTERNAL CIRCUIT

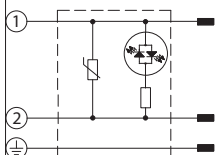
Senza componenti Without components



Con led With led



Con led e varistore With led and varistor



Con led e diodo With led and diode

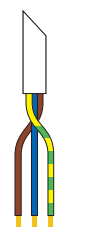
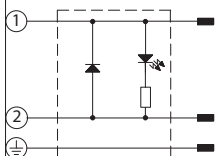


TABELLA COLORI COLOURS TABLE

1	BN
2	BU
PE	YEGN

COMPOSIZIONE CODICE CODE COMPOSITION

Circuito interno (vedi schema elettrico)
Internal circuit (refer to wiring diagram)

- 0 = con led e varistore / with led and var.
- 1 = senza led / without led
- 2 = con led / with led
- 3 = con led e diodo / with led and diode

Configurazioni (vedi disegno)
Configurations (see drawing)

- 3 = 2 Poles + hearts H6-H12 (24V)

8-82E04****

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

- 0 = PVC
- 5 = PUR

lunghezza cavo
cable length
0 = 1 m
3 = 3 m
4 = 5 m

CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS

Tensioni
Voltages
/115 = 115V
/230 = 230V

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Tensione di lavoro / Rated voltage	min. 50 pcs	/115, /230
Lunghezza variabile / Variable length	min. 50 pcs	ON REQUEST

MATERIALI

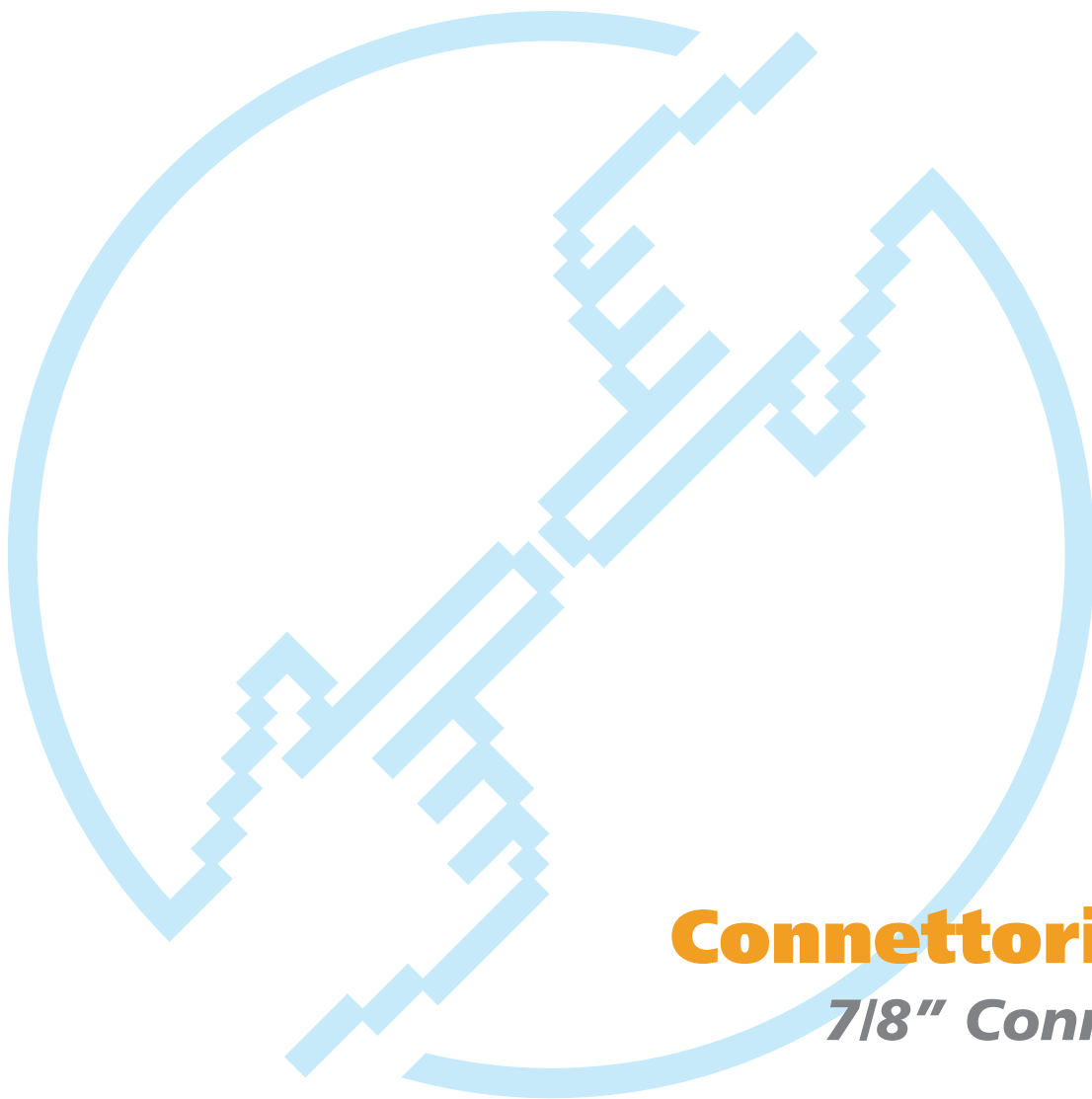
Guarnizione in NBR autoestinguente.
Contatto saldato.

MATERIALS

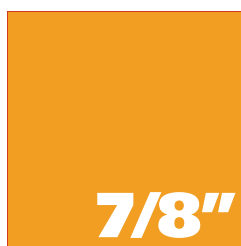
NBR gasket self-extinguishing.
Contact soldered.

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Sistema di fissaggio	Fixing system	vite M3 / screw M3
Distanza Contatti	Contact Distance	9.4 mm
Tensione Nominale	Nominal Voltage	24 V - 115 V - 230 V
Grado di protezione	Protection Class	IP67
Colore Led	Led Color	Rosso / Red
Temperatura di esercizio (conn.)	Working Temperature (conn.)	-15/+70°C Fix Install
Normativa di riferimento	Reference standards	EN175301-803-C IND ex DIN43650-C IND

COD.	0	5
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PUR PUR CABLE
Sezioni Sections	3G0.50 mmq	3G0.50 mmq
Conduttori Conductor	---	---
Guaina Esterna Outer Jacket	PVC Oil Resistant Flam Retardant	PUR Li-YY11Y Oil Resistant Flam Retardant



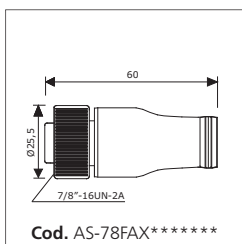
Connettori 7/8" *7/8" Connectors*



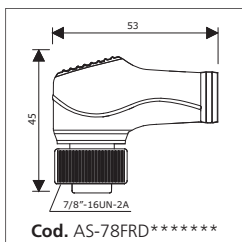
CONNETTORI 7/8" • 3-4-5-6 POLI

7/8" CONNECTORS • 3-4-5-6 PINS

FEMMINA AX / MALE AX



FEMMINA RD / FEMALE RD



3 Poli / Pole

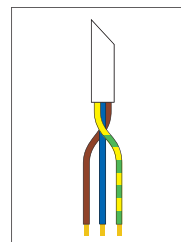


TABELLA COLORI COLOURS TABLE

1	YEGN
2	BN
3	BU

4 Poli / Pole

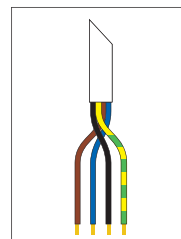


TABELLA COLORI COLOURS TABLE

1	BK
2	BU
3	BN
PE	YEGN

5 Poli / Pole

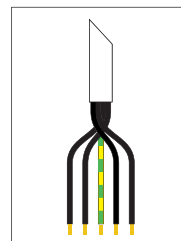


TABELLA COLORI COLOURS TABLE

1	BK-1
2	BK-2
3	YEGN
4	BK-3
5	BK-4

6 Poli / Pole

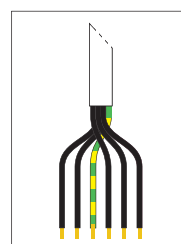


TABELLA COLORI COLOURS TABLE

1	BK-1
2	BK-2
3	YEGN
4	BK-3
5	BK-4
6	BK-5

COMPOSIZIONE CODICE CODE COMPOSITION

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

AX = Dritto / Straight
RD = 90°

AS-78F*0*050*

n. poli
n. of pins

lunghezza cavo
cable length

3 = 3 Poli / 3 Poles
4 = 4 Poli / 4 Poles
5 = 5 Poli / 5 Poles
6 = 6 Poli / 6 Poles

001 = 10 cm
010 = 1 m
100 = 10 m

MATERIALI

Portacontatto in nylon 6+30% fibra di vetro. Contatto stampato in bronzo fosforoso e doratura gold flash (femmina). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in TPU giallo. O-ring di tenuta in NBR (femmina).

MATERIALS

Contact plug holder: Nylon 6+30% glass fiber. Contact: phosphorous bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: yellow TPU. O-ring: NBR (female).

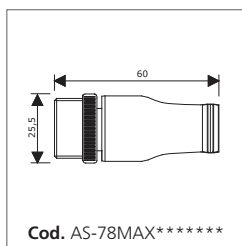
SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

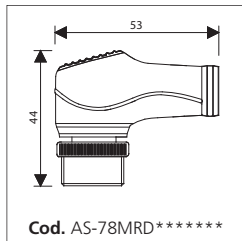
Corrente Nominale	Nominal Current	13 A (3P), 10 A (4P), 8A (5P), 6A (6P)
Tensione Nominale	Nominal Voltage	600 V AC-DC
Grado di protezione	Protection Class	IP67
Temperatura di esercizio (conn.)	Working Temperature (conn.)	-20/+105°C Fix Install

COD.	C	CN	R	RN	C	CN	R	RN	C	CN	R	RN
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PVC PVC CABLE	CAVO PUR PUR CABLE	CAVO PUR PUR CABLE	CAVO PVC PVC CABLE	CAVO PVC PVC CABLE	CAVO PUR PUR CABLE	CAVO PUR PUR CABLE	CAVO PVC PVC CABLE	CAVO PVC PVC CABLE	CAVO PUR PUR CABLE	CAVO PUR PUR CABLE
Sezioni Sections	3G1.50 mmq	3G1.50 mmq	3G1.50 mmq	3G1.50 mmq	4G1.50 mmq	4G1.50 mmq	4G1.50 mmq	4G1.50 mmq	5G1.50 mmq	5G1.50 mmq	5G1.50 mmq	5G1.50 mmq
Conduttori Conductor	---	---	---	---	---	---	---	---	---	---	---	---
Guaina Esterna Outer Jacket	PVC	PVC	PUR	PUR	PVC	PVC	PUR	PUR	PVC	PVC	PUR	PUR

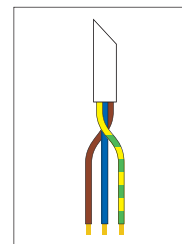
MASCHIO AX / MALE AX



MASCHIO RD / MALE RD

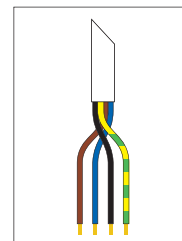


3 Poli / Pole

TABELLA COLORI
COLOURS TABLE

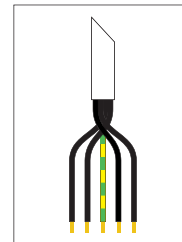
1	YEGN
2	BN
3	BU

4 Poli / Pole

TABELLA COLORI
COLOURS TABLE

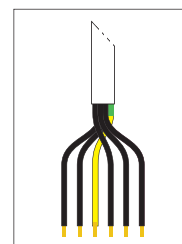
1	BK
2	BU
3	BN
PE	YEGN

5 Poli / Pole

TABELLA COLORI
COLOURS TABLE

1	BK-1
2	BK-2
3	YEGN
4	BK-3
5	BK-4

6 Poli / Pole

TABELLA COLORI
COLOURS TABLE

1	BK-1
2	BK-2
3	YEGN
4	BK-3
5	BK-4
6	BK-5

COMPOSIZIONE CODICE
CODE COMPOSITION

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)

AX = Dritto / Straight
RD = 90°

AS-78M*0*050*

n. poli
n. of pins

lunghezza cavo
cable length

001 = 10 cm
010 = 1 m
100 = 10 m

3 = 3 Poli / 3 Poles
4 = 4 Poli / 4 Poles
5 = 5 Poli / 5 Poles

MATERIALI

Portacontatto in nylon 6+30% fibra di vetro. Contatto stampato in bronzo fosforoso e doratura gold flash (maschio). Ghiera di tenuta meccanica in Ottone Nichelato. Corpo connettore in TPU giallo.

MATERIALS

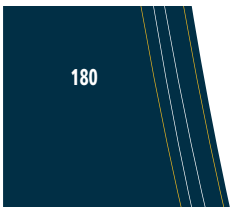
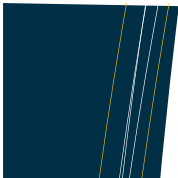
Contact plug holder: Nylon 6+30% glass fiber. Contact: phosphorous bronze with gold flash (male). Metal ring nut: nickel-plated brass. Body connector: yellow TPU.

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Corrente Nominale	Nominal Current	13 A (3P), 10 A (4P), 8A (5P)
Tensione Nominale	Nominal Voltage	600 V AC-DC
Grado di protezione	Protection Class	IP67
Temperatura di esercizio (conn.)	Working Temperature (conn.)	-20/+105°C Fix Install

COD.	CN	RN	CN	RN	CN	RN
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PUR PUR CABLE	CAVO PVC PVC CABLE	CAVO PUR PUR CABLE	CAVO PVC PVC CABLE	CAVO PUR PUR CABLE
Sezioni Sections	3G1.50 mmq	3G1.50 mmq	4G1.50 mmq	4G1.50 mmq	5G1.50 mmq	5G1.50 mmq
Conduttori Conductor	---	---	---	---	---	---
Guaina Esterna Outer Jacket	PVC	PUR	PVC	PUR	PVC	PUR

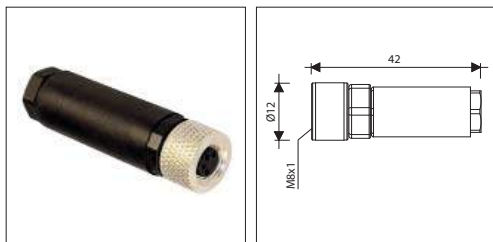


Connettori a cablare, cavi e accessori

*Cabling connectors,
cables and accessories*



3 e 4 POLI FEMMINA AX CORPO IN PLASTICA A VITE 3 and 4 PINS FEMALE AXIAL PLASTIC BODY, Screw Terminal



Cod. 8-85E000161
3 Poli / Poles



Cod. 8-85E000163
4 Poli / Poles



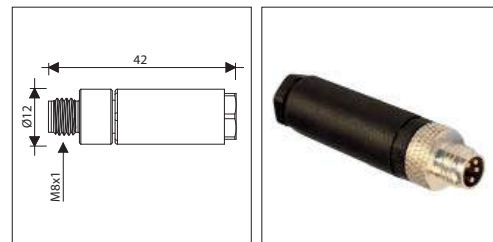
MATERIALI

Contatto in Bronzo Fosforoso, trattati al Nichel + 0.45µm. Ghiera di tenuta meccanica in Ottone Nichelato. Custodia: Nylon 6 + 30% fibra di Vetro. O-Ring di tenuta in NBR (solo per femmina). Sistema di bloccaggio conduttori a vite.

MATERIALS

Phosphorous Bronze Contact, Nichel + 0.45µm Surface of Contact. Metal ring nut: nickel-plated brass. Housing: Nylon 6+30% Glass fiber. O-Ring: NBR (only for female). Screw terminals.

3 e 4 POLI MASCHIO AX CORPO IN PLASTICA A VITE 3 and 4 PINS MALE AXIAL PLASTIC BODY, Screw Terminal



Cod. 8-85E000160
3 Poli / Poles



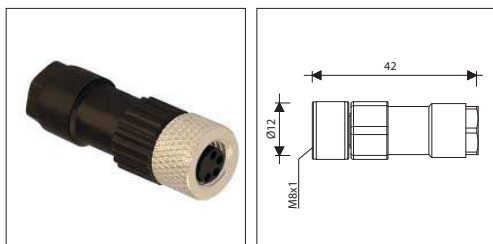
Cod. 8-85E000162
4 Poli / Poles



SPECIFICHE TECNICHE TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-104
Corrente Nominale	Nominal Currents	4 A (2 A at 0.14mmq)
Tensione Nominale	Nominal Voltage	60 V
Grado di protezione	Protection Class	IP67 (con corretto montaggio) (with correctly tightened)
Colore Custodia	Housing Colour	Nero / Black
Temperatura di esercizio	Working Temperature	-25/+70°C
Serracavo	Cable Screw	PG7
Capacità bloccaggio cavo	Cable clamping capacity	Ø 3.5-5 mm
Max sezione conduttore	Max conductor section	0.50 mmq

3 e 4 POLI FEMMINA AX CORPO IN PLASTICA A SALDARE 3 and 4 PINS FEMALE AXIAL PLASTIC BODY, Solder Terminal



Cod. 8-85E000261
3 Poli / Poles



Cod. 8-85E000263
4 Poli / Poles



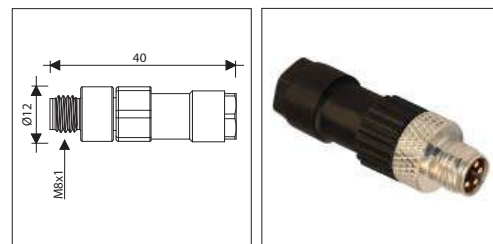
MATERIALI

Contatto in Bronzo Fosforoso, trattati al Nichel + 0.45µm. Ghiera di tenuta meccanica in Ottone Nichelato. Custodia: Nylon 6 + 30% fibra di Vetro. O-Ring di tenuta in NBR (solo per femmina). Sistema di bloccaggio conduttori a saldare.

MATERIALS

Phosphorous Bronze Contact, Nichel + 0.45µm Surface of Contact. Metal ring nut: nickel-plated brass. Housing: Nylon 6+30% Glass fiber. O-Ring: NBR (only for female). Solder terminals.

3 e 4 POLI MASCHIO AX CORPO IN PLASTICA A SALDARE 3 and 4 PINS MALE AXIAL PLASTIC BODY, Solder Terminal



Cod. 8-85E000260
3 Poli / Poles



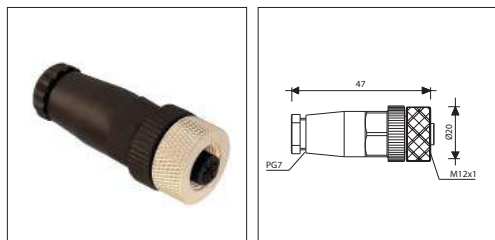
Cod. 8-85E000262
4 Poli / Poles



SPECIFICHE TECNICHE TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-104
Corrente Nominale	Nominal Currents	4 A (2 A at 0.14mmq)
Tensione Nominale	Nominal Voltage	60 V
Grado di protezione	Protection Class	IP67 (con corretto montaggio) (with correctly tightened)
Colore Custodia	Housing Colour	Nero / Black
Temperatura di esercizio	Working Temperature	-25/+70°C
Serracavo	Cable Screw	PG7
Capacità bloccaggio cavo	Cable clamping capacity	3.5-5 mm
Max sezione conduttore	Max conductor section	0.25 mmq

4, 5, 8 e 12 POLI FEMMINA AX CORPO PLASTICA a Vite 4, 5 8 AND 12 PINS FEMALE AXIAL PLASTIC BODY, Screw Terminal



Cod. 8-85E000103 4 Poli / Poles	Cod. 8-85E000105 8 Poli / Poles	Cod. 8-85E000403 4 Poli / Poles Cod. D
Cod. 8-85E000101 5 Poli / Poles	Cod. 8-85E000107 12 Poli / Poles connettore a saldare	Cod. 8-85E000501 5 Poli / Poles Cod. B

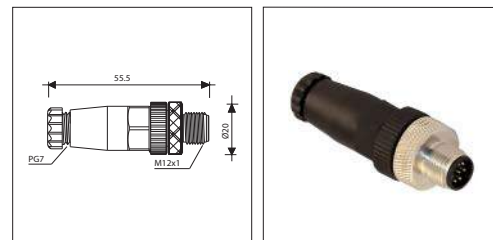
MATERIALI

Contatto in Bronzo Fosforoso, trattati al Nichel + 0.45µm. Ghiera di tenuta meccanica in Ottone Nichelato. Custodia: Nylon 6 + 30% fibra di Vetro. O-Ring di tenuta in NBR (solo per femmina). Sistema di bloccaggio conduttori a vite.

MATERIALS

Phosphorouse Bronze Contact, Nichel + 0.45µm Surface of Contact. Metal ring nut: nickel-plated brass. Housing: Nylon 6+30% Glass fiber. O-Ring: NBR (only for female). Screw terminals.

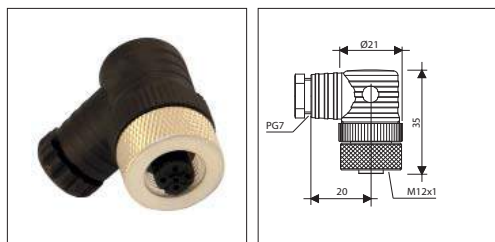
4, 5, 8 e 12 POLI MASCHIO AX CORPO PLASTICA a Vite 4, 5 8 AND 12 PINS MALE AXIAL PLASTIC BODY, Screw Terminal



Cod. 8-85E000102 4 Poli / Poles	Cod. 8-85E000104 8 Poli / Poles	Cod. 8-85E000402 4 Poli / Poles Cod. D
Cod. 8-85E000100 5 Poli / Poles	Cod. 8-85E000106 12 Poli / Poles connettore a saldare	Cod. 8-85E000500 5 Poli / Poles Cod. B

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Normativa di riferimento	Reference standards	IEC 61076-2-101 / IEC609-7-5-2
Corrente Nominale	Nominal Currents	4 A(4-5P) / 2A(8P) / 1.5 A(12P)
Tensione Nominale	Nominal Voltage	250 V(4-5P) / 60 V(8P) / 30 V(12P)
Grado di protezione	Protection Class	IP67 (con corretto montaggio) (with correctly tightened)
Colore Custodia	Housing Colour	Nero / Black
Temperatura di esercizio	Working Temperature	-25/+90°C
Serracavo	Cable Screw	PG7
Capacità bloccaggio cavo	Cable clamping capacity	Ø 2.5 - 6.5 mm
Max sezione conduttore	Max conductor section	0.75 mmq

4, 5, 8 e 12 POLI FEMMINA RD CORPO PLASTICA a Vite 4 PINS FEMALE RADIAL PLASTIC BODY, Screw Terminal



Cod. 8-85E000113 4 Poli / Poles	Cod. 8-85E000115 8 Poli / Poles	Cod. 8-85E000413 4 Poli / Poles Cod. D
Cod. 8-85E000111 5 Poli / Poles	Cod. 8-85E000117 12 Poli / Poles connettore a saldare	Cod. 8-85E000511 5 Poli / Poles Cod. B

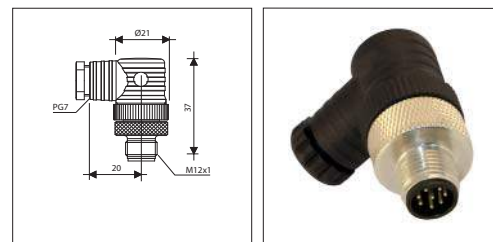
MATERIALI

Contatto in Bronzo Fosforoso, trattati al Nichel + 0.45µm. Ghiera di tenuta meccanica in Ottone Nichelato. Custodia: Nylon 6 + 30% fibra di Vetro. O-Ring di tenuta in NBR (solo per femmina). Sistema di bloccaggio conduttori a vite.

MATERIALS

Phosphorouse Bronze Contact, Nichel + 0.45µm Surface of Contact. Metal ring nut: nickel-plated brass. Housing: Nylon 6+30% Glass fiber. O-Ring: NBR (only for female). Screw terminals.

4, 5, 8 e 12 POLI MASCHIO RD CORPO PLASTICA a Vite 4, 5 8 AND 12 PINS MALE RADIAL PLASTIC BODY, Screw Terminal



Cod. 8-85E000112 4 Poli / Poles	Cod. 8-85E000114 8 Poli / Poles	Cod. 8-85E000412 4 Poli / Poles Cod. D
Cod. 8-85E000110 5 Poli / Poles	Cod. 8-85E000116 12 Poli / Poles connettore a saldare	Cod. 8-85E000510 5 Poli / Poles Cod. B

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Normativa di riferimento	Reference standards	IEC 61076-2-101 / IEC609-7-5-2
Corrente Nominale	Nominal Currents	4 A(4-5P) / 2A(8P) / 1.5 A(12P)
Tensione Nominale	Nominal Voltage	250 V(4-5P) / 60 V(8P) / 30 V(12P)
Grado di protezione	Protection Class	IP67 (con corretto montaggio) (with correctly tightened)
Colore Custodia	Housing Colour	Nero / Black
Temperatura di esercizio	Working Temperature	-25/+90°C
Serracavo	Cable Screw	PG7
Capacità bloccaggio cavo	Cable clamping capacity	Ø 2.5 - 6.5 mm
Max sezione conduttore	Max conductor section	0.75 mmq

4, 5 e 8 POLI FEMMINA AX CORPO IN PLASTICA a Vite 4, 5 and 8 PINS FEMALE AXIAL PLASTIC BODY, Screw Terminal



Cod. 8-85E001003
4 Poli / Poles



Cod. 8-85E001001
5 Poli / Poles



Cod. 8-85E001005
8 Poli / Poles



4, 5 e 8 POLI MASCHIO AX CORPO IN PLASTICA a Vite 4, 5 and 8 PINS MALE AXIAL PLASTIC BODY, Screw Terminal



Cod. 8-85E001002
4 Poli / Poles



Cod. 8-85E001000
5 Poli / Poles



Cod. 8-85E001004
8 Poli / Poles



MATERIALI

Contatto in Bronzo Fosforoso, trattati al Nichel + 0.45µm. Ghiera di tenuta meccanica in Ottone Nichelato. Custodia: Nylon 6 + 30% fibra di Vetro. O-Ring di tenuta in NBR (solo per femmina). Sistema di bloccaggio conduttori a vite.

MATERIALS

Phosphorouse Bronze Contact, Nichel + 0.45µm Surface of Contact. Metal ring nut: nickel-plated brass. Housing: Nylon 6+30% Glass fiber. O-Ring (only for female). Screw terminals.

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101 / IEC609-7-5-2
Corrente Nominale	Nominal Currents 4 A(4-5P) / 2A(8P)
Tensione Nominale	Nominal Voltage 250 V(4P) / 60 V(5P) / 30V(8P)
Grado di protezione	Protection Class IP67 (con corretto montaggio) (with correctly tightened)
Colore Custodia	Housing Colour Nero / Black
Temperatura di esercizio	Working Temperature -25/+90°C
Serracavo	Cable Screw PG9/PG11
Capacità bloccaggio cavo	Cable clamping capacity Ø 4-10 mm
Max sezione conduttore	Max conductor section 0.75 mmq

4, 5 e 8 POLI FEMMINA RD CORPO IN PLASTICA a Vite 4, 5 and 8 PINS FEMALE RADIAL PLASTIC BODY, Screw Terminal



Cod. 8-85E001013
4 Poli / Poles



Cod. 8-85E001011
5 Poli / Poles



Cod. 8-85E001015
8 Poli / Poles



4, 5 e 8 POLI MASCHIO AX CORPO IN PLASTICA a Vite 4, 5 and 8 PINS MALE RADIAL PLASTIC BODY, Screw Terminal



Cod. 8-85E001012
4 Poli / Poles



Cod. 8-85E001010
5 Poli / Poles



Cod. 8-85E001014
8 Poli / Poles



MATERIALI

Contatto in Bronzo Fosforoso, trattati al Nichel + 0.45µm. Ghiera di tenuta meccanica in Ottone Nichelato. Custodia: Nylon 6 + 30% fibra di Vetro. O-Ring di tenuta in NBR (solo per femmina). Sistema di bloccaggio conduttori a vite.

MATERIALS

Phosphorouse Bronze Contact, Nichel + 0.45µm Surface of Contact. Metal ring nut: nickel-plated brass. Housing: Nylon 6+30% Glass fiber. O-Ring: NBR (only for female).. Screw terminals.

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101 / IEC609-7-5-2
Corrente Nominale	Nominal Currents 4 A(4-5P) / 2A(8P)
Tensione Nominale	Nominal Voltage 250 V(4P) / 60 V(5P) / 30V(8P)
Grado di protezione	Protection Class IP67 (con corretto montaggio) (with correctly tightened)
Colore Custodia	Housing Colour Nero / Black
Temperatura di esercizio	Working Temperature -25/+90°C
Serracavo	Cable Screw PG9/PG11
Capacità bloccaggio cavo	Cable clamping capacity Ø 4-10 mm
Max sezione conduttore	Max conductor section 0.75 mmq

3 e 4 POLI FEMMINA AX
CORPO IN PLASTICA a Vite
3 and 4 PINS FEMALE AXIAL
PLASTIC BODY, Screw Terminal



Cod. 8-85E000122
4 Poli / Poles



Cod. 8-85E000121
5 Poli / Poles



MATERIALI

Contatto in Bronzo Fosforoso, trattati al Nichel + 0.45µm. Ghiera di tenuta meccanica in Ottone Nichelato. Custodia: Nylon 6 + 30% fibra di Vetro. O-Ring di tenuta in NBR (solo per femmina). Sistema di bloccaggio conduttori a vite.

MATERIALS

Phosphorouse Bronze Contact, Nichel + 0.45µm Surface of Contact. Metal ring nut: nickel-plated brass. Housing: Nylon 6+30% Glass fiber. O-Ring (only for female). Screw terminals.

3 e 4 POLI MASCHIO AX
CORPO IN PLASTICA a Vite
3 and 4 PINS MALE AXIAL
PLASTIC BODY, Screw Terminal



Cod. 8-85E000142
4 Poli / Poles



Cod. 8-85E000141
5 Poli / Poles



SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Normativa di riferimento	Reference standards	IEC 61076-2-101 / IEC609-7-5-2
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale	Nominal Voltage	250 V(4P) / 60 V(5P)
Grado di protezione	Protection Class	IP67 (con corretto montaggio) (with correctly tightened)
Colore Custodia	Housing Colour	Nero / Black
Temperatura di esercizio	Working Temperature	-25/+90°C
Serracavo	Cable Screw	PG7
Capacità bloccaggio cavo	Cable clamping capacity	Ø 2.5-6.5 mm
Max sezione conduttore	Max conductor section	0.75 mmq
Circuito Elettronico	Electronic Circuit	led Giallo-Verde / Led Green-Yellow

3 e 4 POLI FEMMINA RD
CORPO IN PLASTICA a Vite
3 and 4 PINS FEMALE RADIAL
PLASTIC BODY, Screw Terminal



Cod. 8-85E000132
4 Poli / Poles



Cod. 8-85E000131
5 Poli / Poles



MATERIALI

Contatto in Bronzo Fosforoso, trattati al Nichel + 0.45µm. Ghiera di tenuta meccanica in Ottone Nichelato. Custodia: Nylon 6 + 30% fibra di Vetro. O-Ring di tenuta in NBR (solo per femmina). Sistema di bloccaggio conduttori a vite.

MATERIALS

Phosphorouse Bronze Contact, Nichel + 0.45µm Surface of Contact. Metal ring nut: nickel-plated brass. Housing: Nylon 6+30% Glass fiber. O-Ring: NBR (only for female). Screw terminals.

3 e 4 POLI MASCHIO RD
CORPO IN PLASTICA a Vite
3 and 4 PINS MALE RADIAL
PLASTIC BODY, Screw Terminal



Cod. 8-85E000152
4 Poli / Poles



Cod. 8-85E000151
5 Poli / Poles



SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Normativa di riferimento	Reference standards	IEC 61076-2-101 / IEC609-7-5-2
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale	Nominal Voltage	250 V(4P) / 60 V(5P)
Grado di protezione	Protection Class	IP67 (con corretto montaggio) (with correctly tightened)
Colore Custodia	Housing Colour	Nero / Black
Temperatura di esercizio	Working Temperature	-25/+90°C
Serracavo	Cable Screw	PG7
Capacità bloccaggio cavo	Cable clamping capacity	Ø 2.5-6.5 mm
Max sezione conduttore	Max conductor section	0.75 mmq
Circuito Elettronico	Electronic Circuit	led Giallo-Verde / Led Green-Yellow

CONNETTORI A CABLARE M12 in Metallo

M12 Metal CABLING CONNECTORS



4, 5, 8 e 12 POLI FEMMINA AX CORPO IN METALLO, a Vite 4, 5, 8 and 12 PINS FEMALE AXIAL METAL BODY, Screw Terminal



Cod. 8-85E002103
4 Poli / Poles



Cod. 8-85E002105
8 Poli / Poles



Cod. 8-85E002403
4 Poli / Poles Cod. D



Cod. 8-85E002101
5 Poli / Poles



Cod. 8-85E002107
12 Poli / Poles



Cod. 8-85E002501
5 Poli / Poles Cod. B



MATERIALI

Contatto in Bronzo Fosforoso, trattati al Nichel + 0.45µm. Ghiera di tenuta meccanica in Ottone Nichelato. Custodia: Ottone Nichelato. O-Ring di tenuta in NBR (solo per femmina). Sistema di bloccaggio conduttori a vite.

MATERIALS

Phosphorous Bronze Contact, Nickel + 0.45µm Surface of Contact. Metal ring nut: nickel-plated brass. Housing: nickel-plated brass. O-Ring: NBR (only for female). Screw terminals.

4, 5, 8 e 12 POLI MASCHIO AX CORPO IN METALLO, a Vite 4, 5, 8 and 12 PINS MALE AXIAL METAL BODY, Screw Terminal



Cod. 8-85E002102
4 Poli / Poles



Cod. 8-85E002104
8 Poli / Poles



Cod. 8-85E002402
4 Poli / Poles Cod. D



Cod. 8-85E002100
5 Poli / Poles



Cod. 8-85E002106
12 Poli / Poles



Cod. 8-85E002500
5 Poli / Poles Cod. B



SPECIFICHE TECNICHE TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	13 A(3P) / 10 A(4P) / 8 A(5P)
Tensione Nominale	Nominal Voltage	30 V(AC) / 36 V(DC)
Corrente Nominale	Nominal Currents	4 A
Grado di protezione	Protection Class	IP67 (con corretto montaggio) (with correctly tightened)
Resistività di massa	Resistance	≤ 8mΩ
Temperatura di esercizio	Working Temperature	-40/+85°C
Capacità bloccaggio cavo	Cable clamping capacity	Ø 4-8 mm
Max sezione conduttore	Max conductor section	0.5 mmq

5 POLI FEMMINA AX CORPO IN METALLO, a Perforazione 5 PINS FEMALE AXIAL METAL BODY CONNECTOR



Cod. AS-M12FCM05
5 Poli / Poles



MATERIALI

Contatto in Bronzo Fosforoso, trattati al Nichel + 0.45µm. Ghiera di tenuta meccanica in Ottone Nichelato. Custodia: Ottone Nichelato. O-Ring di tenuta in NBR (solo per femmina). Sistema di bloccaggio conduttori a perforazione d'isolante.

MATERIALS

Phosphorous Bronze Contact, Nickel + 0.45µm Surface of Contact. Metal ring nut: nickel-plated brass. Housing: nickel-plated brass. O-Ring: NBR (only for female). Insulation displacement terminals.

5 POLI MASCHIO AX CORPO IN METALLO, a Perforazione 5 PINS MALE AXIAL METAL BODY CONNECTOR



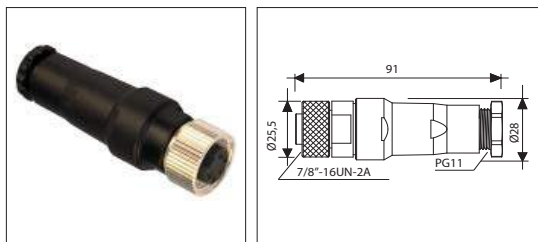
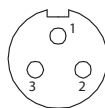
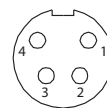
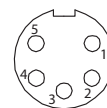
Cod. AS-M12MCM05
5 Poli / Poles



SPECIFICHE TECNICHE TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	13 A(3P) / 10 A(4P) / 8 A(5P)
Tensione Nominale	Nominal Voltage	30 V(AC) / 36 V(DC)
Corrente Nominale	Nominal Currents	4 A
Grado di protezione	Protection Class	IP67 (con corretto montaggio) (with correctly tightened)
Resistività di massa	Resistance	≤ 8mΩ
Temperatura di esercizio	Working Temperature	-40/+85°C
Capacità bloccaggio cavo	Cable clamping capacity	Ø 4-8 mm
Max sezione conduttore	Max conductor section	0.5 mmq

3, 4 e 5 POLI FEMMINA AX CORPO IN PLASTICA, Morsetti a Vite 3, 4 and 5 PINS FEMALE AXIAL PLASTIC BODY CONNECTOR, Screw Terminal

**Cod. AS-78FCA03G11**
3 Poli / Poles**Cod. AS-78FCA04G11**
4 Poli / Poles**Cod. AS-78FCA05G11**
5 Poli / Poles**MATERIALI**

Contatto in Bronzo Fosforoso, trattati al Nichel + 0.45µm. Ghiera di tenuta meccanica in Ottone Nichelato. Custodia: Nylon 6 + 30% fibra di Vetro. O-Ring di tenuta in NBR (solo per femmina). Sistema di bloccaggio conduttori a vite.

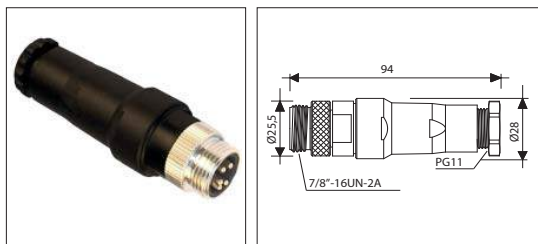
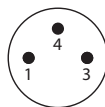
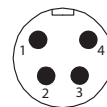
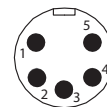
MATERIALS

Phosphorous Bronze Contact, Nickel + 0.45µm Surface of Contact. Metal ring nut: nickel-plated brass. Housing: Nylon 6+30% Glass fiber. O-Ring: NBR (only for female). Screw terminals.

SPECIFICHE TECNICHE TECHNICAL SPECIFICATIONS

Corrente Nominale	Nominal Currents	13 A(3P) / 10 A(4P) / 8 A(5P)
Tensione Nominale	Nominal Voltage	600 V
Grado di protezione	Protection Class	IP67 (con corretto montaggio) (with correctly tightened)
Colore Custodia	Housing Colour	Nero / Black
Temperatura di esercizio	Working Temperature	-40/+80°C
Serracavo	Cable Screw	PG11
Capacità bloccaggio cavo	Cable clamping capacity	Ø 4-10 mm
Max sezione conduttore	Max conductor section	2.5 mmq

3, 4 e 5 POLI MASCHIO AX CORPO IN PLASTICA, Morsetti a Vite 3, 4 and 5 PINS MALE AXIAL PLASTIC BODY CONNECTOR, Screw Terminal

**Cod. AS-78MCA03G11**
3 Poli / Poles**Cod. AS-78MCA04G11**
4 Poli / Poles**Cod. AS-78MCA05G11**
5 Poli / Poles**MATERIALI**

Contatto in Bronzo Fosforoso, trattati al Nichel + 0.45µm. Ghiera di tenuta meccanica in Ottone Nichelato. Custodia: Nylon 6 + 30% fibra di Vetro. O-Ring di tenuta in NBR (solo per femmina). Sistema di bloccaggio conduttori a vite.

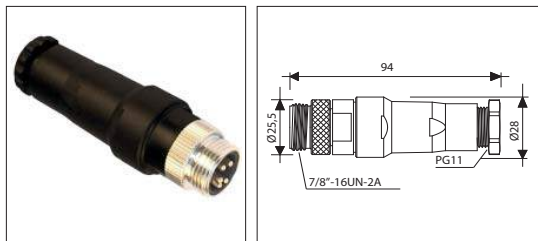
MATERIALS

Phosphorous Bronze Contact, Nickel + 0.45µm Surface of Contact. Metal ring nut: nickel-plated brass. Housing: Nylon 6+30% Glass fiber. O-Ring: NBR (only for female). Screw terminals.

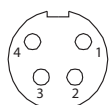
SPECIFICHE TECNICHE TECHNICAL SPECIFICATIONS

Corrente Nominale	Nominal Currents	13 A(3P) / 10 A(4P) / 8 A(5P)
Tensione Nominale	Nominal Voltage	600 V
Grado di protezione	Protection Class	IP67 (con corretto montaggio) (with correctly tightened)
Colore Custodia	Housing Colour	Nero / Black
Temperatura di esercizio	Working Temperature	-40/+80°C
Serracavo	Cable Screw	PG11
Capacità bloccaggio cavo	Cable clamping capacity	Ø 4-10 mm
Max sezione conduttore	Max conductor section	2.5 mmq

4 POLI FEMMINA / MASCHIO AX codifica T CORPO IN PLASTICA, Morsetti a Vite 4 PINS FEMALE AXIAL T code PLASTIC BODY CONNECTOR, Screw Terminal



Cod. AS-85E003000
4 Poli / Poles

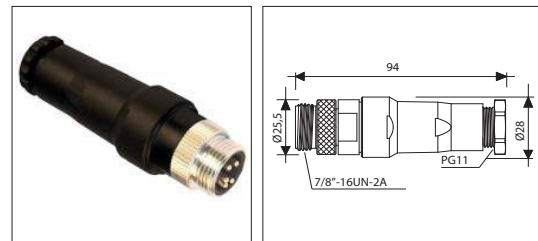


MATERIALI

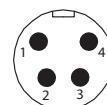
Contatto in Bronzo Fosforoso, trattati al Nichel + 0.45µm. Ghiera di tenuta meccanica in Ottone Nichelato. Custodia: Nylon 6 + 30% fibra di Vetro. O-Ring di tenuta in NBR (solo per femmina). Sistema di bloccaggio conduttori a vite.

MATERIALS

Phosphorous Bronze Contact, Nichel + 0.45µm Surface of Contact. Metal ring nut: nickel-plated brass. Housing: Nylon 6+30% Glass fiber. O-Ring: NBR (only for female). Screw terminals.

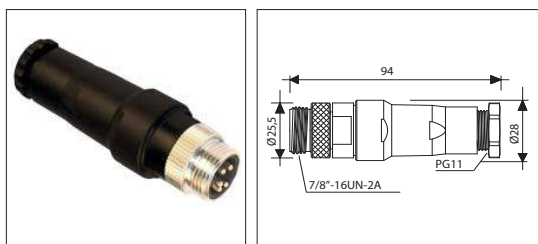


Cod. AS-82e003001
4 Poli / Poles

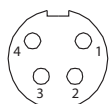


SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Corrente Nominale	Nominal Currents	13 A(3P) / 10 A(4P) / 8 A(5P)
Tensione Nominale	Nominal Voltage	600 V
Grado di protezione	Protection Class	IP67 (con corretto montaggio) (with correctly tightened)
Colore Custodia	Housing Colour	Nero / Black
Temperatura di esercizio	Working Temperature	-40/+80°C
Serracavo	Cable Screw	PG11
Capacità bloccaggio cavo	Cable clamping capacity	Ø 4-10 mm
Max sezione conduttore	Max conductor section	2.5 mmq

4 POLI FEMMINA / MASCHIO AX codifica S CORPO IN PLASTICA, Morsetti a Vite 4 PINS FEMALE / MALE AXIAL S code PLASTIC BODY CONNECTOR, Screw Terminal



Cod. AS-85E003002
4 Poli / Poles

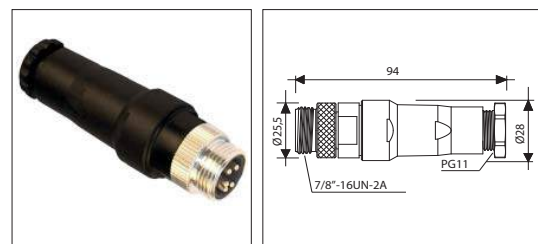


MATERIALI

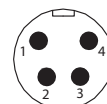
Contatto in Bronzo Fosforoso, trattati al Nichel + 0.45µm. Ghiera di tenuta meccanica in Ottone Nichelato. Custodia: Nylon 6 + 30% fibra di Vetro. O-Ring di tenuta in NBR (solo per femmina). Sistema di bloccaggio conduttori a vite.

MATERIALS

Phosphorous Bronze Contact, Nichel + 0.45µm Surface of Contact. Metal ring nut: nickel-plated brass. Housing: Nylon 6+30% Glass fiber. O-Ring: NBR (only for female). Screw terminals.

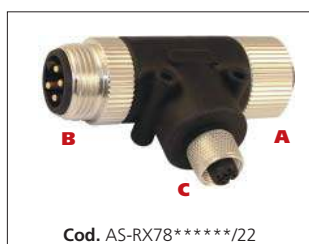
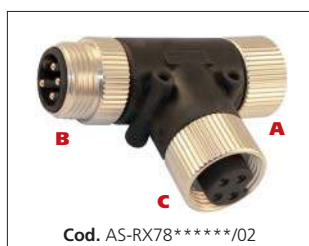


Cod. AS-82e003003
4 Poli / Poles



SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Corrente Nominale	Nominal Currents	13 A(3P) / 10 A(4P) / 8 A(5P)
Tensione Nominale	Nominal Voltage	600 V
Grado di protezione	Protection Class	IP67 (con corretto montaggio) (with correctly tightened)
Colore Custodia	Housing Colour	Nero / Black
Temperatura di esercizio	Working Temperature	-40/+80°C
Serracavo	Cable Screw	PG11
Capacità bloccaggio cavo	Cable clamping capacity	Ø 4-10 mm
Max sezione conduttore	Max conductor section	2.5 mmq

STANDARD / STANDARD

COMPOSIZIONE CODICE
CODE COMPOSITION

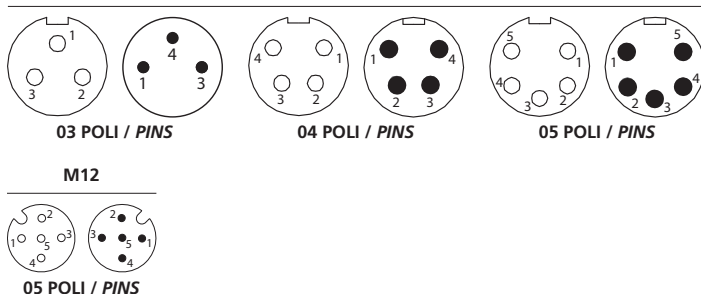
AS-RX7800000/02

n.poli A
nr. of pins A
03 = 3PIN
04 = 4PIN
05 = 5PIN

n.poli B
nr. of pins B
03 = 3PIN
04 = 4PIN
05 = 5PIN

n.poli C
nr. of pins C
03 = 3PIN
04 = 4PIN
05 = 5PIN

7/8"



CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

TIPOLOGIA CONNESSIONI			COD
A	B	C	
7/8" - Fem	7/8" - Ma	7/8" - Fem	02
7/8" - Fem	7/8" - Ma	M12 - Fem	22

MATERIALI

Custodia in nylon 6 + 30% fibra di vetro, ghiera in Zn Al/Ni, O-Ring in NBR, Contatti in Bronzo Fosforoso, trattamento dei contatti al Nichel + 0.45µm, placcati in oro.

MATERIALS

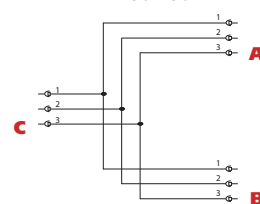
Nylon 6 + 30% Glass Fiber Housing, Zn Al/Ni coupling nut, NBR O-Ring, Phosphorouse Bronze Contact, Nichel + 0.45µm Contact surface, gold plated.

SPECIFICHE TECNICHE

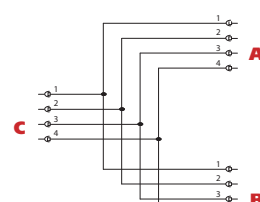
TECHNICAL SPECIFICATIONS

Normative di riferimento	Reference standards	IEC 61076-2-104
Corrente Nominale 3 POLI	Nominal Current 3 PINS	13 A
Corrente Nominale 4 POLI	Nominal Current 4 PINS	10 A
Corrente Nominale 5 POLI	Nominal Current 5 PINS	8 A
Tensione Nominale	Nominal Voltage	600 V AC-DC
Grado di protezione	Protection Class	IP67
Temperatura di esercizio (conn.)	Working Temperature (conn.)	-20/+105°C Fix Install

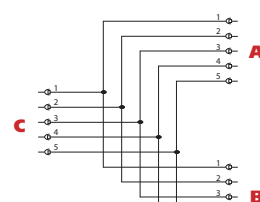
PARALLELO / DOUBLE



PARALLELO / DOUBLE

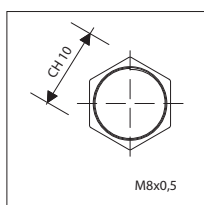


PARALLELO / DOUBLE



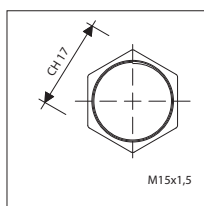


DADO M8x0.5 / NUT M8x0.5



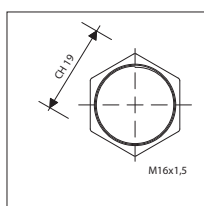
Cod. AS-DAM8x0.5

DADO M15x1.5 / NUT M15x1.5



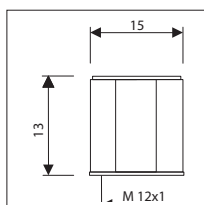
Cod. AS-133/16

DADO M16x1.5 / NUT M16x1.5



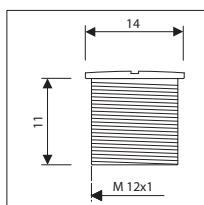
Cod. AS-133/24

TAPPO FEMMINA M12x1 / FEMALE PLUG M12x1



Cod. AS-TPM12X1

TAPPO MASCHIO M12x1 / MALE PLUG M12x1



Cod. AS-TPM12



3 CONDUTTORI / 3 WIRE

COD.	ANFG22X03C1191 "C"	ANFN22X03C1134 "CN"	ANCG22X03C1186 "R"	ANCN22X03C1161 "RN"	ASFG22X03C1084 "CS"	ASCG22X03C1174 "RS"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) 80° - 300 V	3 x 22AWG (3 x 0.35) ST 80° - 300 V	3 x 22AWG (3 x 0.35) ST 80° - 300 V
Diametri Diameter	4.7 +/- 0.2	4.5 +/- 0.2	4.5 +/- 0.2	4.5 +/- 0.2	4.8 +/- 0.2	4.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.15
Guaina Esterna Outer Jacket	PVC UL/CSA Oil Resistant UL 1581 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil Resistant ISO 6722 STYLE 2464 Black RAL 9005 Flame Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR compound Oil resistant ISO 6722 STYLE 21441 Black Flam Test FT2	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2
Normative di riferimento Reference standards						
Temperatura di esercizio Working temperature	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-5 / +80°C Static App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	120 mt / min	120 mt / min	---	---
Accelerazione Acceleration	4 mt / secq	4 mt / secq	5 mt / secq	5 mt / secq	---	5 mt / secq

4 CONDUTTORI / 4 WIRE

COD.	ANFG24X04C1139 "C"	ANFY24X04C1152 "CUY"	ANFN24X04C1154 "CN"	ANFN22X04C1160 "CUN"	ANCG24X04C1192 "R"	ANMY24X04C1190 "RUY"	ANCN24X04C1137 "RN"	ANCN22X04C1138 "RUN"	ASFG24X04C1033 "CS"	ASFN22X04C1169 "CSUN"	ASPG24X04C946 "RS"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO SHIELDED PUR CABLE
Sezioni Sections	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.34) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x 24AWG (4 x 0.25) 80° - 300 V	4 x awg 22 (4 x 0.34) 80° - 300 V	4 x 24AWG (4 x 0.25) ST 80° - 300 V	4 x 22AWG (4 x 0.34) ST 80° - 300 V	4 x 24AWG (4 x 0.25) ST 80° - 300 V
Diametri Diameter	4.6 +/- 0.2	4.8 +/- 0.2	4.6 +/- 0.2	4.8 +/- 0.2	4.6 +/- 0.2	4.0 +/- 0.2	4.7 +/- 0.2	4.9 +/- 0.2	4.9 +/- 0.2	5.4 +/- 0.2	4.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.13
Guaina Esterna Outer Jacket	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Yellow RAL 1021 DESINA Flam Test	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR UL/CSA Oil resistant ISO 6722 STYLE 2464 Black Flam Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR UL/CSA STYLE 20549 Yellow RAL 1021 DESINA Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 21441 Black - RAL9005 Flam Test FT2	PUR UL/CSA Oil resistant ISO 6722 STYLE 21441 Black RAL 9005 Flam Test FT2	PVC CEI 2022 - II Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 20549 Grey Ral 7035 Flam Test FT1
Normative di riferimento Reference standards											
Temperatura di esercizio Working temperature	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. -5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App.	-15 / +80°C Static App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	12 x Ø esterno	10 x Ø esterno
Schermatura Shield	---	---	---	---	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%
Velocità di traslazione Traslation's speed	90 mt / min	90 mt / min	90 mt / min	120 mt / min	150 mt / min	---	150 mt / min	200 mt / min	---	---	40 mt / min
Accelerazione Acceleration	4 mt / secq	4 mt / secq	5 mt / secq	4 mt / secq	4 mt / secq	---	4 mt / secq	30 mt / secq	---	---	10 mt / secq



5 CONDUTTORI / 5 WIRE

COD.	ANFG24X05C1166 "C"	ANFY24X05C1183 "CUY"	ANFN24X05C1050 "CN"	ANCG24X05C1177 "R"	ANCN24X05C1227 "RN"	ANCN22X05C1228 "RUN"	ASFG24X05C1167 "CS"	ASFY24X05C1189 "CSUY"	ASFN24X05C1136 "CSUN"	ASPN22X05C1135 "RSUN"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PUR SCHERMATO SHIELDED PUR CABLE
Sezioni Sections	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 24AWG (5 x 0.25) 80°C - 300 V	5 x 22AWG (5 x 0.34) 80°C - 300 V	5 x 24AWG (5 x 0.25) ST 80°C - 300 V	5 x 24AWG (5 x 0.25) ST 80°C - 300 V	5 x 24AWG (5 x 0.25) ST 80°C - 300 V	5 x 22AWG (5 x 0.34) ST 80°C - 300 V
Diametri Diameter	5 +/- 0.2	4.8 +/- 0.2	4.7 +/- 0.2	5 +/- 0.2	5 +/- 0.2	4.9 +/- 0.2	5.6 +/- 0.2	5.1 +/- 0.2	5.6 +/- 0.2	6.3 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 42 x 0.10
Guaina Esterna Outer Jacket	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 20167 STYLE 2464 Yellow RAL 1021 DESINA Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR UL/CSA Oil resistant UL 1581 STYLE 20549 Black Flam Test FT1	PUR UL/CSA Oil resistant UL 1581 STYLE 20549 Black Flam Test FT1	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Yellow Ral 1021 DESINA Flam Test FT1	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Black Flam Test FT1	PUR UL/CSA Oil resistant UL 1581 STYLE 20549 Halogen Free - Black Flam Test FT1
Normative di riferimento Reference standards										
Temperatura di esercizio Working temperature	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App. -5 / +80°C Dynamic App.	-40 / +80°C Static App. -5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App.	-5 / +80°C Static App.	-40 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	12 x Ø esterno	12 x Ø esterno	7 x Ø esterno
Schermatura Shield	---	---	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di trazione Traslation's speed	90 mt / min	90 mt / min	90 mt / min	90 mt / min	150 mt / min	200 mt / min	90 mt / min	---	---	220 mt / min
Accelerazione Acceleration	4 mt / seqq	4 mt / seqq	4 mt / seqq	5 mt / seqq	4 mt / seqq	30 mt / seqq	4 mt / seqq	---	---	10 mt / seqq

8 CONDUTTORI / 8 WIRE

COD.	ANFG24X08C1133 "C"	ANFY24X08C1229 "CUY"	ANFN24X08C1187 "CUN"	ANCN24X05C1227 "RUN"	ASFG24X08C1034 "CS"	ASFY24X08C1230 "CSUY"	ASFN24X08C1146 "CSUN"	ASCN24X08C1172 "RSUN"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO UL/CSA UL/CSA PVC SHIELDED CABLE	CAVO PVC SCHERMATO UL/CSA UL/CSA PVC SHIELDED CABLE	CAVO PVC SCHERMATO UL/CSA UL/CSA PVC SHIELDED CABLE	CAVO PUR UL/CSA SCHERMATO UL/CSA PUR SHIELDED CABLE
Sezioni Sections	8 x 24AWG (8 x 0.22) 80°C - 300 V	8 x 24AWG (8 x 0.25) 80°C - 300 V	8 x 24AWG (8 x 0.25) 80°C - 300 V	8 x 24AWG (8 x 0.25) 80°C - 300 V	8 x 24AWG (8 x 0.25) ST 80°C - 300 V	8 x 24AWG (8 x 0.25) ST 80°C - 300 V	8 x 24AWG (8 x 0.25) ST 80°C - 300 V	8 x 24AWG (8 x 0.25) ST 80°C - 300 V
Diametri Diameter	5.8 +/- 0.2	6.8 +/- 0.2	5.8 +/- 0.2	6.0 +/- 0.2	6.7 +/- 0.2	6.8 +/- 0.2	6.5 +/- 0.1	6.7 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 7 x 0.20	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC FLEX 19 x 0.13	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13
Guaina Esterna Outer Jacket	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey RAL 7035 Flam Test FT1	PVC UL/CSA STYLE 2095 Yellow RAL 1021 DESINA Flam Test FT1	PVC UL/CSA STYLE 2464 Black Flam Test FT1	PUR UL/CSA STYLE 20233 Black Flam Test FT1	PVC UL/CSA Oil Resistant ISO 6722 STYLE 2464 Grey RAL 7035 Flam Test FT1	PVC UL/CSA STYLE 2095 Yellow RAL 1021 DESINA Flam Test FT1	PVC UL/CSA STYLE 2464 Black Flam Test FT1	PUR UL/CSA Oil resistant ISO 6722 STYLE 21441 Black Flam Test FT2
Normative di riferimento Reference standards								
Temperatura di esercizio Working temperature	-25 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-40 / +80°C Static App. -5 / +80°C Dynamic App.	-5 / +80°C Static App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	12 x Ø esterno	7 x Ø esterno	12 x Ø esterno	10 x Ø esterno	12 x Ø esterno	7 x Ø esterno
Schermatura Shield	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di trazione Traslation's speed	90 mt / min	90 mt / min	120 mt / min	220 mt / min	---	---	---	200 mt / min
Accelerazione Acceleration	4 mt / seqq	4 mt / seqq	4 mt / seqq	10 mt / seqq	---	---	---	5 mt / seqq



ETHERNET 4 POLES (2 PAIR)

COD.	RSHV24X04C1159 (F)	RSPV24X04C820 (M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PUR POSA FISSA PUR FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x 24AWG SN/ST	2 x 2 x 24AWG SN/ST
Diametri Diameter	6.0 +/- 0.2	5.8 +/- 0.2
Guaina Esterna Outer Jacket	PUR Green Ral 6016 Oil resistant STYLE 20549 Flam retardant FT1 Halogen Free	PUR Green Ral 6016 Oil resistant STYLE 20549 Flam retardant FT1 Halogen Free
Norme di riferimento Reference standards	Desina CAT 5E	Desina CAT 5E
Caratteristiche elettriche Electrical characteristics	Nominal capacity 50 pF/m Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s	Nominal capacity 50 pF/m Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s
Temperatura di lavoro Work range	-40 / +80°C Static App.	-50 / +80°C Static App. -40 / +80°C Dynamic App.
Raggio di curvatura Bending radius	8 x Ø esterno	10 x Ø esterno
Schermatura Shield	I - in poliestere / alluminio II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	I - in poliestere / alluminio II - A treccia - Copertura ≥ 90% Braided coverage ≥ 90%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / seqq

ETHERNET 8 POLES (4 PAIRS)

COD.	RSFV24X08C877 (F)	RSPV26X08C799 (M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	4 x 2 x 24AWG SN/ST	4 x 2 x 26AWG SN/ST
Diametri Diameter	6.3 +/- 0.2	6.6 +/- 0.2
Guaina Esterna Outer Jacket	PVC Green Ral 6016 Oil resistant STYLE 2571 Flam retardant FT1	PUR Green Ral 5021 Oil resistant STYLE 20233 Flam retardant FT1 Halogen Free
Norme di riferimento Reference standards	CAT 5E	CAT 5E
Caratteristiche elettriche Electrical characteristics	Nominal Capacity 50 pF/m Nominal Impedence 100 ohm +/- 15	Nominal Capacity 48 pF/m Nominal Impedence 100 ohm +/- 15
Temperatura di lavoro Work range	-30 / +80°C Static App.	-40 / +80°C Static App. -20 / +60°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno
Schermatura Shield	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / seqq

PROFINET / ETHERCAT

COD.	RSFV22X04C818 (F)	AS-21815 (M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA Dynamic PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x 22AWG Q-R SN/ST	2 x 2 x 22AWG Q-R SN/ST
Diametri Diameter	6.5 +/- 0.2	6.5 +/- 0.2
Guaina Esterna Outer Jacket	PVC Green Ral 6018 Oil resistant STYLE 2502 Flam retardant	PUR Green Ral 6018 Oil resistant STYLE 20554 Flam retardant Halogen Free
Norme di riferimento Reference standards	CAT 5E	CAT 5E
Caratteristiche elettriche Electrical characteristics	Nomical capacity 46pF/mt Nominal Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s	Nomical capacity 46pF/mt Nominal Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s
Temperatura di lavoro Work range	-30 / +80°C Static App.	-30 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	6 x Ø esterno Static App.	6 x Ø esterno Static App. 10 x Ø esterno Dynamic App.
Schermatura Shield	I - in poliestere / alluminio sulle coppie II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	I - in poliestere / alluminio sulle coppie II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / seqq

PROFINET / ETHERCAT

COD.	SSFV24X04C1108 (FS)	SSPV24X04C1011 (MS)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA Dynamic PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x 24AWG Q-R SN/ST	2 x 2 x 24AWG Q-R SN/ST
Diametri Diameter	5.4 +/- 0.2	5.4 +/- 0.2
Guaina Esterna Outer Jacket	PVC Green Ral 6018 Oil resistant STYLE 2502 Flam retardant	PUR Green Ral 6018 Oil resistant STYLE 20236 Flam retardant Halogen Free
Norme di riferimento Reference standards	CAT 5E	CAT 5E
Caratteristiche elettriche Electrical characteristics	Nomical capacity 56pF/mt Nominal Impedence 100 ohm +/- 15	Nomical capacity 56pF/mt Nominal Impedence 100 ohm +/- 15
Temperatura di lavoro Work range	-30 / +80°C Static App.	-40 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	7.5 x Ø esterno	7.5 x Ø esterno
Schermatura Shield	I - in poliestere / alluminio sulle coppie II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	I - in poliestere / alluminio sulle coppie II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	300 m / min
Accelerazione Acceleration	---	50 m / seqq



SERCOS III		
COD.	BSFR22X04C1086 (F)	BSPR22X04C1087 (M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA Dynamic PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x 22AWG Q-R SN/ST	2 x 2 x 24AWG Q-R SN/ST
Diametri Diameter	6.5 +/- 0.2	6.5 +/- 0.2
Guaina Esterna Outer Jacket	PVC Red Ral 3020 Oil resistant STYLE 2502 Flam retardant	PUR Red Ral 3020 Oil resistant STYLE 20554 Flam retardant Halogen Free
Norme di riferimento Reference standards	 CAT 5E	 CAT 5E
Caratteristiche elettriche Electrical characteristics	Nominal capacity 46pF/mt Nominal Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s	Nominal capacity 46pF/mt Nominal Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s
Temperatura di lavoro Work range	-30 / +80°C Static App.	-30 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	6 x Ø esterno Static App.	6 x Ø esterno Static App. 10 x Ø esterno Dynamic App.
Schermatura Shield	I - in poliestere / alluminio sulle coppie II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	I - in poliestere / alluminio sulle coppie II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / secq

PROFIBUS		
COD.	BSFP22X02C1173 (F)	BSP22X02C216 (M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	(1 x 2 x 0.64 Ø) SN/ST	(1 x 2 x 0.64 Ø) SN/ST
Diametri Diameter	7.7 +/- 0.2	7.8 +/- 0.2
Guaina Esterna Outer Jacket	PVC Violet Ral 4001 Oil resistant --- STYLE 2464 Flam retardant FT1	PUR Violet Ral 4001 Oil resistant UL758/ UL2556/ EN50363-10-2 STYLE 20549 Flam retardant FT2 Halogen Free
Norme di riferimento Reference standards	 Desina	 Desina
Caratteristiche elettriche Electrical characteristics	Nominal Impedence 150 ohm +/- 15 Transmission speed up to 200 mt - 12 Mbit/s	Nominal capacity 50 pF/m Impedence 100 ohm +/- 15 Transmission speed up to 200 mt - 12 Mbit/s
Temperatura di lavoro Work range	-20 / +80°C Static App.	-30 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	5 x Ø esterno Static App.	5 x Ø esterno Static App. 10 x Ø esterno Dynamic App.
Schermatura Shield	I - in poliestere / alluminio II - A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	I - in poliestere / alluminio II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	300 m / min
Accelerazione Acceleration	---	40 m / secq

CAN OPEN		
COD.	BSFP22X04C166 (F)	BSP22X04C627 (M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x 22AWG ST	2 x 2 x 22AWG ST
Diametri Diameter	7 +/- 0.2	7.4 +/- 0.2
Guaina Esterna Outer Jacket	PVC Violet Ral 4001 Oil resistant UL 1581 STYLE 2502 Flam retardant FT1	PUR Violet Ral 4001 Oil resistant UL 1581 STYLE 20236 Flam retardant FT1 Halogen Free
Norme di riferimento Reference standards	 Desina Classe 2	 Desina Classe 6
Caratteristiche elettriche Electrical characteristics	Nominal Capacity 50 pF/m Nominal Impedence 120 ohm Transmission speed up to 40 mt - 1000 Kbit/s	Nominal Capacity 50 pF/m Nominal Impedence 120 ohm Transmission speed up to 40 mt - 1000 Kbit/s
Temperatura di lavoro Work range	-20 / +80°C Static App.	-20 / +80°C Static App. -15 / +70°C Dynamic App.
Raggio di curvatura Bending radius	5 x Ø esterno	10 x Ø esterno
Schermatura Shield	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / secq

DEVICENET		
COD.	BSFP22X04C221 (F)	BSP22X04C222 (M)
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	(2 x 24awg) SN + (2 x 22awg) SN/ST	(2 x 24awg) SN + (2 x 22awg) SN/ST
Diametri Diameter	7 +/- 0.2	7 +/- 0.2
Guaina Esterna Outer Jacket	PVC Violet Ral 4001 Oil resistant ISO 6722/ UL1581/ IEC60811-2-1 STYLE 2464 Flam Test FT1	PUR Violet Ral 4001 Oil resistant ISO 6722/ UL1581/ IEC60811-2-1 STYLE 20233 Flam Test FT1
Norme di riferimento Reference standards	 Desina	 Desina
Caratteristiche elettriche Electrical characteristics	Nominal Impedence 120 ohm +/- 12 Transmission speed up to 200 mt - 500 Kbit/s	Nominal Impedence 120 ohm +/- 12 Transmission speed up to 200 mt - 500 Kbit/s
Temperatura di lavoro Work range	-25 / +80°C Static App. -5 / +80°C Dynamic App.	-40 / +80°C Static App. -20 / +70°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	5 x Ø esterno Static App. 10 x Ø esterno Dynamic App.
Schermatura Shield	I - in poliestere / alluminio sulle coppie II - A treccia - Copertura ≥ 65% Braided coverage ≥ 65%	I - in poliestere / alluminio sulle coppie II - A treccia - Copertura ≥ 65% Braided coverage ≥ 65%
Velocità di traslazione Traslation's speed	---	300 m / min
Accelerazione Acceleration	---	40 m / secq



CONDIZIONI GENERALI DI VENDITA

Clausole generali

Le vendite sono assoggettate alle seguenti condizioni che prevalgono su tutte le condizioni di acquisto, salvo deroghe formali espressamente concordate con noi.

Prodotti

Alcuni articoli del nostro catalogo possono cambiare nel corso dell'anno senza preventivo avviso da parte nostra.

Reclami

Il cliente ha l'obbligo di controllare la merce immediatamente alla consegna e di fare eventuale reclamo direttamente al corriere. Non sono accettati reclami postumi.

Responsabilità

Eventuali difetti funzionali prevedono la sostituzione del prodotto NON conforme escludendo ogni tipo di costo relativo a danni indiretti salvo espressamente concordato da contratto di compravendita.

Garanzia

Un anno dalla data di consegna, previo corretto utilizzo nel rispetto delle caratteristiche dei materiali impiegati.

GENERAL CONDITIONS OF SALE

General

These conditions apply to all the company's sales and prevail over all others sales conditions unless expressly agreed with us.

Products

Some items from our catalog can be modified or updated during the year without prior notification.

Complaints

Purchaser shall thoroughly check the goods upon delivery and submit all complaints, particularly those regarding the quality or quantity of the goods, directly to the courier. All belated complaint shall be null and void.

Responsibility

Any functional defects involving replacement of the product does NOT conform excluding any type of expense relating to consequential damages unless expressly agreed in the contract of sale.

Warranty

One year from the delivery date. No warranty claims will be accepted in case of improper use or carelessness towards materials characteristics.



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