

Connettori Precablati

Pre-wired connectors

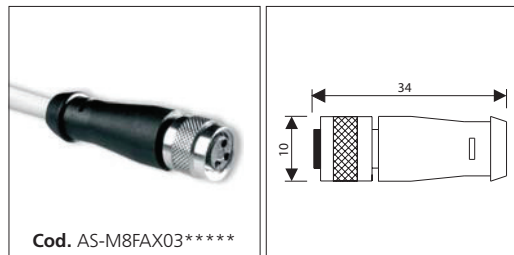
M8



M12

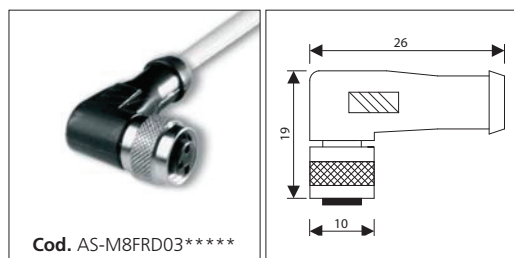


FEMMINA AX / FEMALE AX



Cod. AS-M8FAX03*****

FEMMINA RD / FEMALE RD



Cod. AS-M8FRD03*****

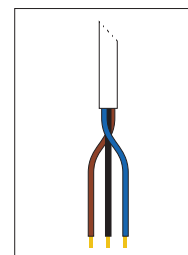


TABELLA COLORI
COLOURS TABLE

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).

COMPOSIZIONE CODICE / CODE COMPOSITION

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

AX = Dritto / Straight
RD = 90°

AS-M8F**03050* **/*

lunghezza cavo / cable length
001 = 10cm
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

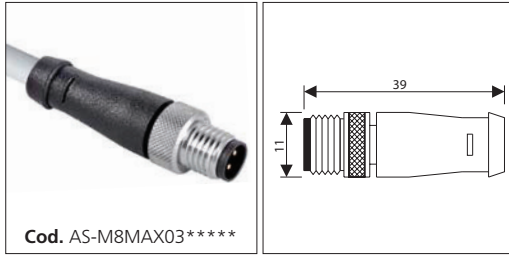
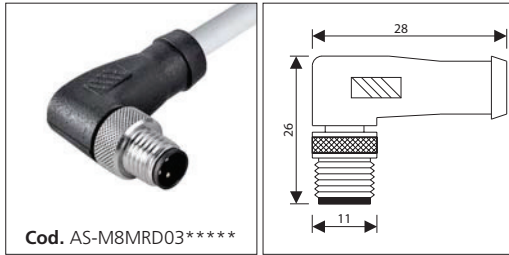
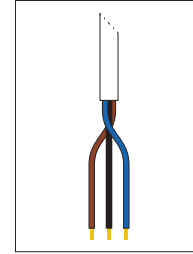
SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-104
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

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 / <i>Inox AISI 304 Ring Nut</i>	min. 50 pcs	X
Connettore schermato / <i>Shielded Connector</i>		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° lunghezza cavo (vedi cod. in tabella) cable length (code like table) 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
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AS-M8M**03050**/*/*

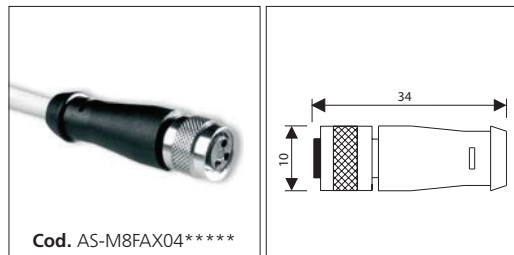
SPECIFICHE TECNICHE
TECHNICAL SPECIFICATIONS

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

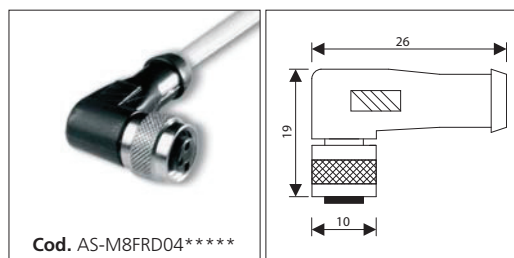
COD.	"C"	"CN"	"R"	"RN"	"CS"	"RS"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	CAVO PUR SCHERMATO PUR SHIELDED CABLE
Sezioni Sections	3 x 22AWG (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 / seq	4 mt / seq	5 mt / seq	5 mt / seq	---	5 mt / seq

FEMMINA AX / FEMALE AX



Cod. AS-M8FAX04*****

FEMMINA RD / FEMALE RD



Cod. AS-M8FRD04*****

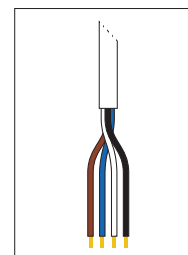


TABELLA COLORI
COLOURS TABLE

1	BN
2	WH
3	BU
4	BK

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 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**

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

**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*

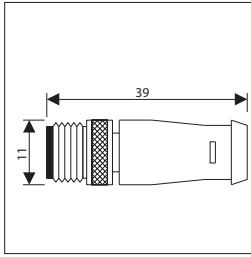
SPECIFICHE TECNICHE

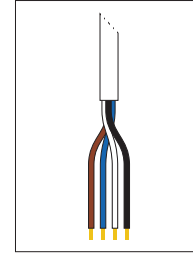
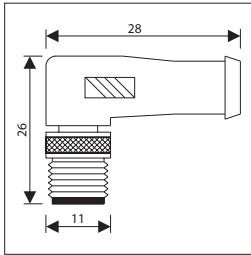
SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-104
Corrente Nominale	Nominal Currents 3 A
Tensione Nominale	Nominal Voltage 30 V AC-DC
Grado di protezione	Protection Class IP67
Resistività di massa	Resistance ≤ 5mΩ
Temperatura di esercizio (connettore)	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 24AWG (4 x 0.25) 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 / 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 / <i>Inox AISI 304 Ring Nut</i>	min. 50 pcs	X
Connettore schermato / <i>Shielded Connector</i>		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**04050*	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>
lunghezza cavo cable length 001 = 10 cm 010 = 1 m 100 = 10 m	

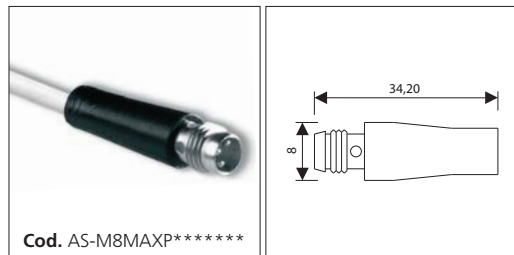
SPECIFICHE TECNICHE
TECHNICAL SPECIFICATIONS

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 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	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

MASCHIO / MALE



Cod. AS-M8MAXP*****

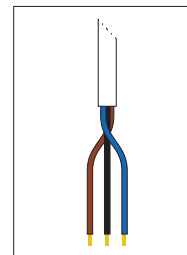


TABELLA COLORI COLOURS TABLE

1	BN
3	BU
4	BK

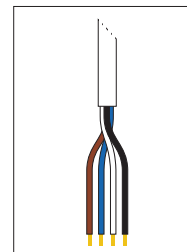


TABELLA COLORI COLOURS TABLE

1	BN
2	WH
3	BU
4	BK

**COMPOSIZIONE CODICE
CODE COMPOSITION**

AS-M8MAXP**050**/*

03 = 3 pins
04 = 4 pins

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 = grafoplast

MATERIALI

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

MATERIALS

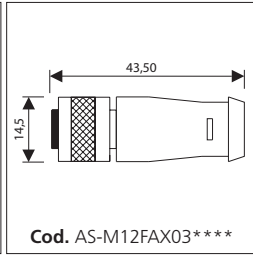
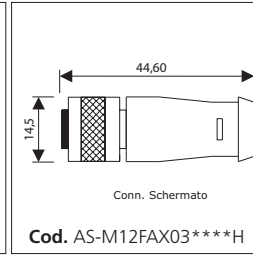
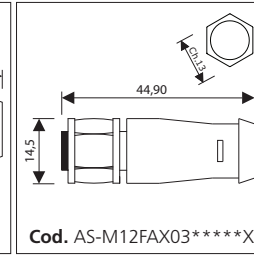
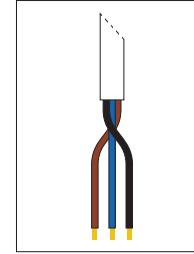
Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Metal ring nut: nickel-plated brass. Body connector: black polyamide.

SPECIFICHE TECNICHE

	TECHNICAL SPECIFICATIONS	3 POLI / 3 PINS	4 POLI / 4 PINS
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

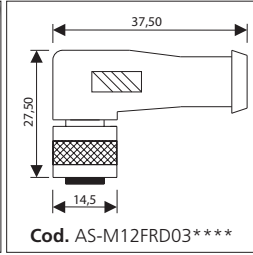
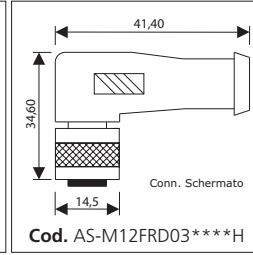
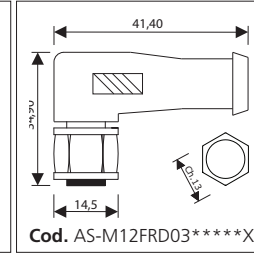
COD.	C	CN	CUN	R	RN	RUN	CS	RS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE	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 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 20549 Grey Ral 7035 Flame Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Black Flame Test FT2	PUR UL/CSA Oil resistant ISO 6722 STYLE 21441 Black Flame Test FT2	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 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.	-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 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 / secq	4 mt / secq	4 mt / secq	4 mt / secq	4 mt / secq	30 mt / secq	---	4 mt / secq

FEMMINA AX / FEMALE AX

Cod. AS-M12FAX03*****

Cod. AS-M12FAX03****

Cod. AS-M12FAX03***H**

Cod. AS-M12FAX03***X**

**TABELLA COLORI
COLOURS TABLE**

1	BN
3	BU
4	BK

FEMMINA RD / FEMALE RD

Cod. AS-M12FRD03*****

Cod. AS-M12FRD03****

Cod. AS-M12FRD03***H**

Cod. AS-M12FRD03***X**
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 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).

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Tipologia cavo (vedi cod. in tabella) Cable type (code like table) AX = Dritto / Straight RD = 90°	G = grafoplast
AS-M12F**03050*	H = connettore schermato shielded connector 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	

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

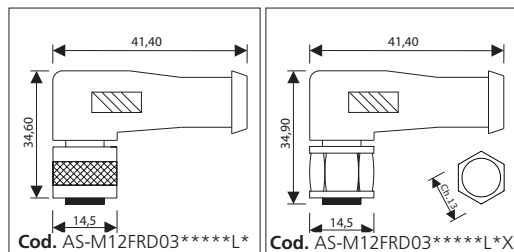
3 CONDUTTORI / 3 WIRE

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

FEMMINA 3 POLI / FEMALE 3 PINS



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



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

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

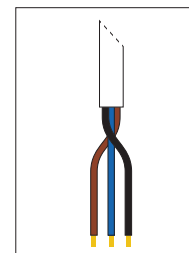
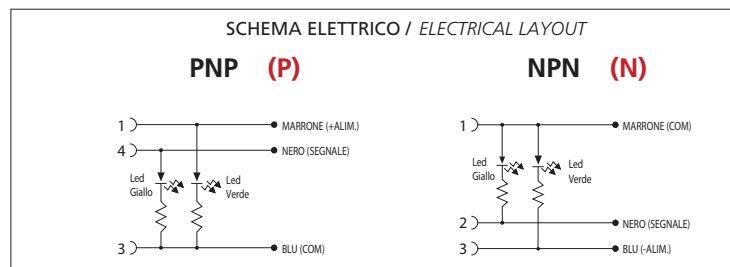


TABELLA COLORI
COLOURS TABLE

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: phosphorouse bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body trasparent TPU. 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 / seqq	4 mt / seqq	5 mt / seqq	5 mt / seqq	---	5 mt / seqq

COMPOSIZIONE CODICE
CODE COMPOSITION

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

AS-M12FRD03050*L* **/*

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

P = PNP
N = NPN

X = ghiera inox / inox ring nut

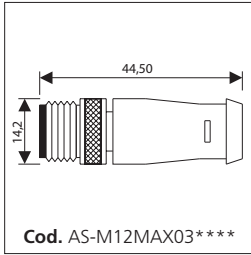
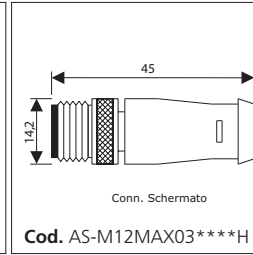
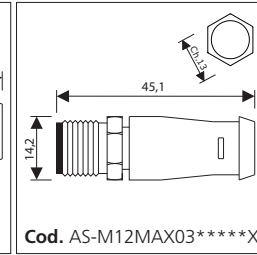
CONFIGURAZIONI AGGIUNTIVE
MORE CONFIGURATIONS

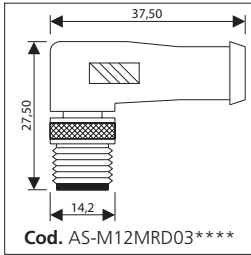
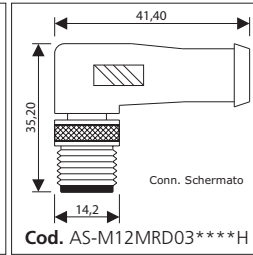
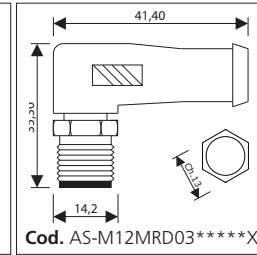
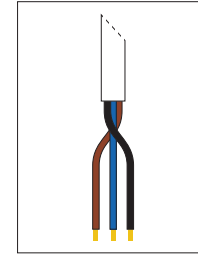
G = grafoplast

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

MASCHIO AX / MALE AX

Cod. AS-M12MAX03*****

Cod. AS-M12MAX03*****

Cod. AS-M12MAX03***H**

Cod. AS-M12MAX03***X**
MASCHIO RD / MALE RD

Cod. AS-M12MRD03*****

Cod. AS-M12MRD03*****

Cod. AS-M12MRD03***H**

Cod. AS-M12MRD03***X**

**TABELLA COLORI
COLOURS TABLE**

1	BN
3	BU
4	BK

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 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°	G = grafoplast
AS-M12M**03050*	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>
lunghezza cavo Cable length 001 = 10 cm 010 = 1 m 100 = 10 m	

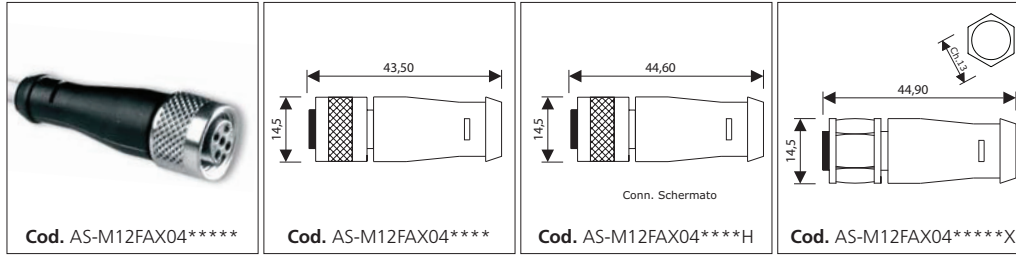
SPECIFICHE TECNICHE

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

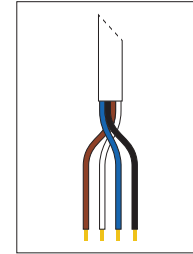
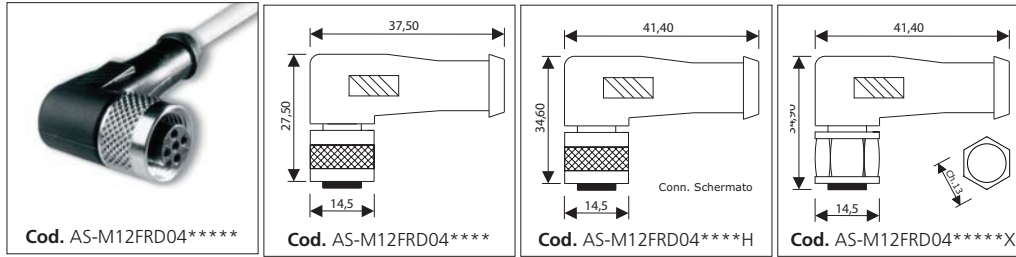
3 CONDUTTORI / 3 WIRE

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



**COMPOSIZIONE CODICE
CODE COMPOSITION**

AX = Dritto / Straight
RD = 90°

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

AS-M12F04050***

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

**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

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

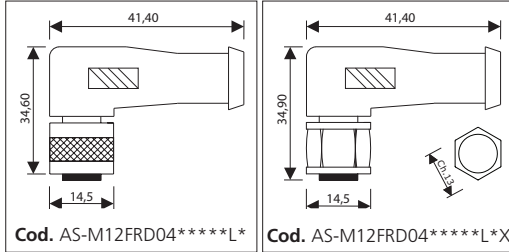
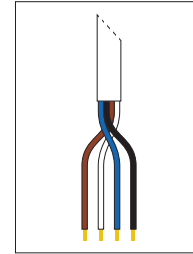
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale	Nominal Voltage	250 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

TECHNICAL SPECIFICATIONS

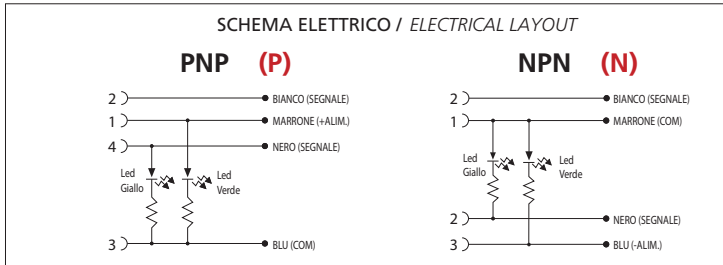
4 CONDUTTORI / 4 WIRE

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 / 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


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 COMPOSITION**

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

AS-M12FRD04050*L*

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

**CONFIGURAZIONI AGGIUNTIVE
MORE CONFIGURATIONS**

G = grafoplast
P = PNP
N = NPN
X = ghiera inox / *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	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 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 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	RU	RU	RU	RU	RU	RU	RU	RU	RU	RU	RU
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

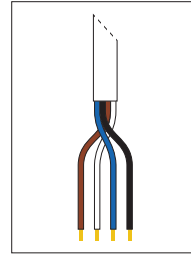
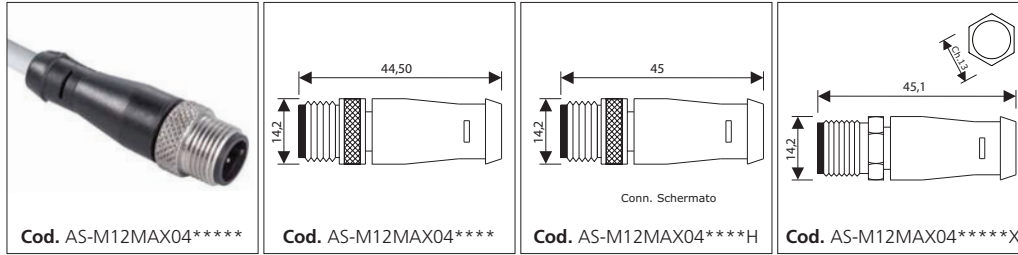
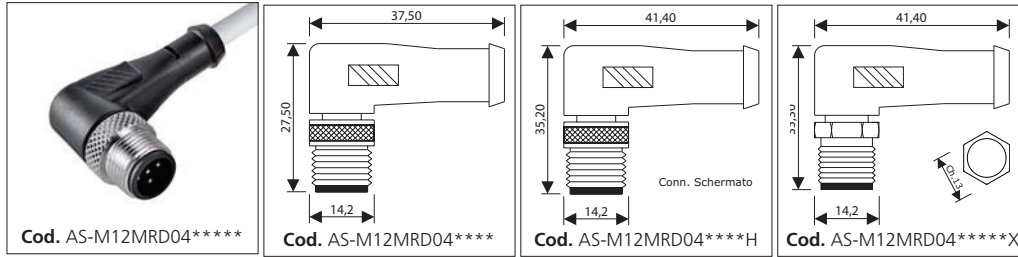


TABELLA COLORI COLOURS TABLE

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

COMPOSIZIONE CODICE CODE COMPOSITION

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

AX = Dritto / Straight RD = 90°

AS-M12M**04050*
 ↓
 lunghezza cavo cable length
 001 = 10 cm
 010 = 1 m
 100 = 10 m

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

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.

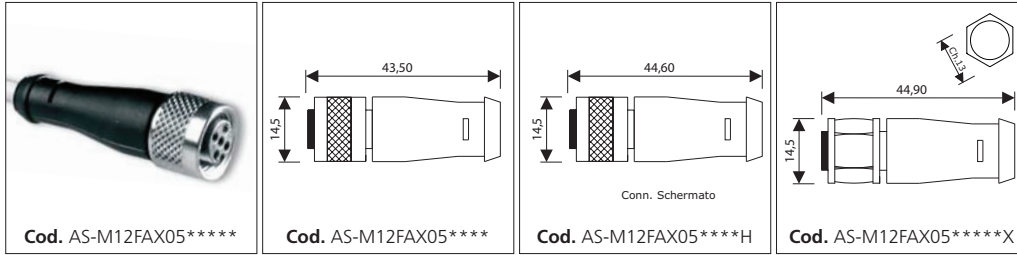
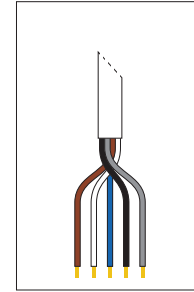
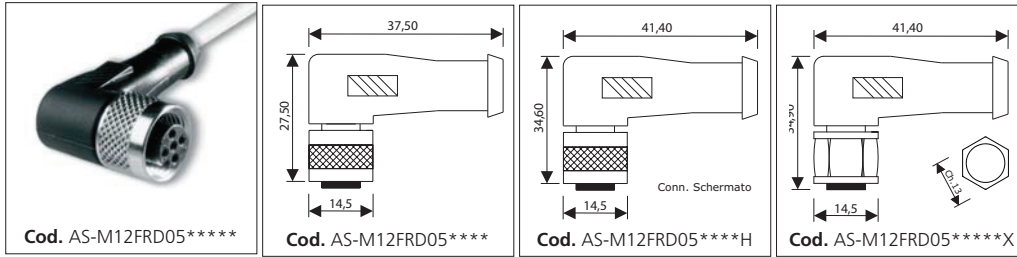
MATERIALS
 Contact plug holder: self-extinguishing ABS UL94 V0. Turned contact: gold plating AU03 (male). Metal ring nut: nickel-plated brass. Body connector: black polyamide.

SPECIFICHE TECNICHE TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	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 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 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

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**


**COMPOSIZIONE CODICE
CODE COMPOSITION**

Tipologia cavo (vedi cod. in tabella)
Cable type (code like table)
AX = Dritto / Straight
RD = 90°
AS-M12F**05050*
lunghezza cavo cable length
001 = 10 cm
010 = 1 m
100 = 10 m

**CONFIGURAZIONI AGGIUNTIVE
MORE CONFIGURATIONS**

B = Connector Cod. B
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

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).

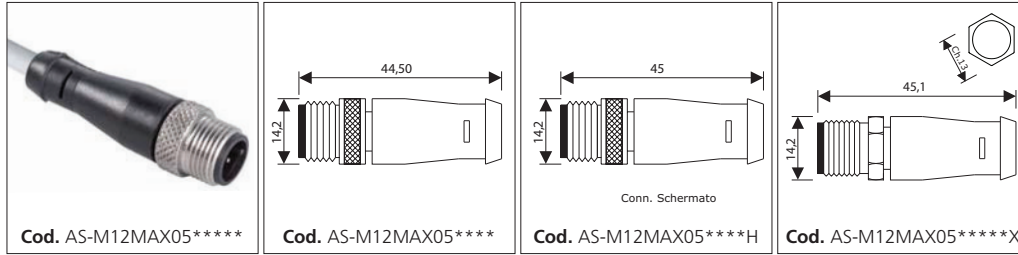
SPECIFICHE TECNICHE
TECHNICAL SPECIFICATIONS

Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	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 PUR 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 24AWG (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
Guaaina 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 / seqq	4 mt / seqq	4 mt / seqq	5 mt / seqq	4 mt / seqq	30 mt / seqq	4 mt / seqq	---	---	10 mt / seqq

MASCHIO AX / MALE AX



MASCHIO RD / MALE RD

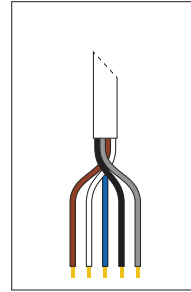
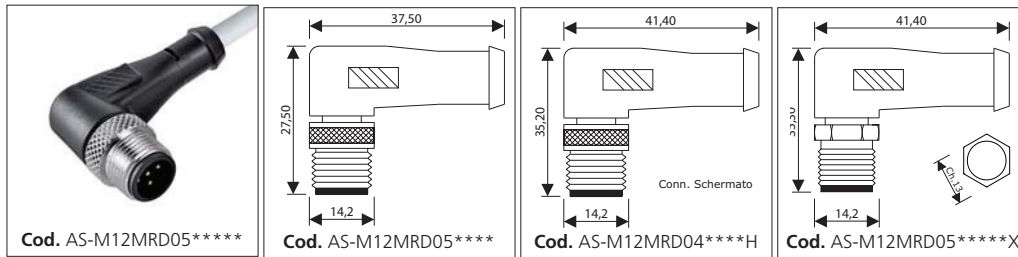


TABELLA COLORI
COLOURS TABLE

1	BN
2	WH
3	BU
4	BK
5	GY

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox / <i>Inox Ring Nut</i>	min. 50 pcs	X
Connettore schermato / <i>Shielded Connector</i>		H
Connettore cod. B / <i>Connector B code</i>		B



COMPOSIZIONE CODICE
CODE COMPOSITION

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

AS-M12M**05050* **B/*

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

CONFIGURAZIONI AGGIUNTIVE
MORE CONFIGURATIONS

B = Connector Cod. B
 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

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.

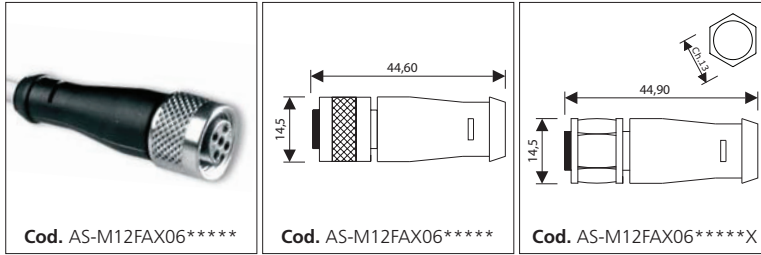
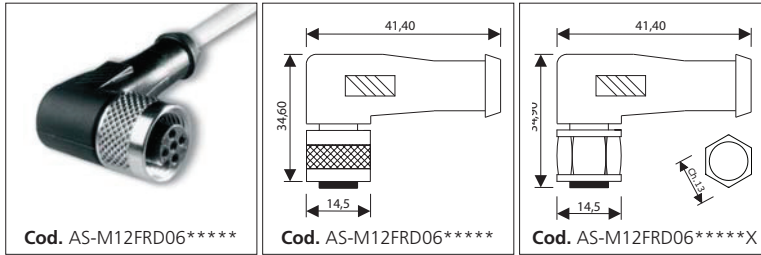
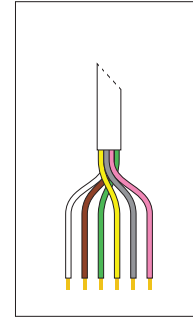
SPECIFICHE TECNICHE

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

TECHNICAL SPECIFICATIONS

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 PURCABLE
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	RU	RU	RU	RU	RU	RU	RU	RU	RU	RU
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 / Traslotion'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

FEMMINA AX / FEMALE AX

Cod. AS-M12FAX06*****
Cod. AS-M12FAX06*****
Cod. AS-M12FAX06***X**
FEMMINA RD / FEMALE RD

Cod. AS-M12FRD06*****
Cod. AS-M12FRD06*****
Cod. AS-M12FRD06***X**

**TABELLA COLORI
COLOURS TABLE**

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

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 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

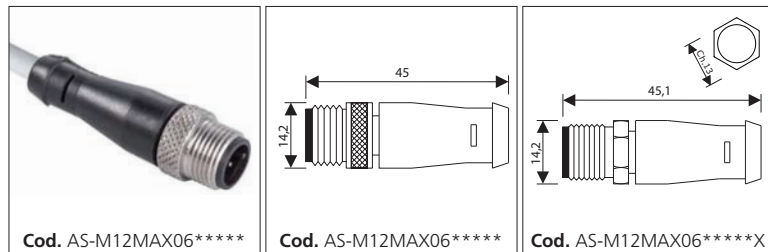
Contact plug holder: self-extinguishing ABS UL94 V0. Contact: phosphorouse bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: Viton (female).

SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS
Normativa di riferimento	Reference standards IEC 61076-2-101
Corrente Nominale	Nominal Currents 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° AS-M12F**06050* **/* lunghezza cavo (vedi cod. in tabella) cable lenght (code like table) 001 = 10cm 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	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		
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	---

MASCHIO AX / MALE AX

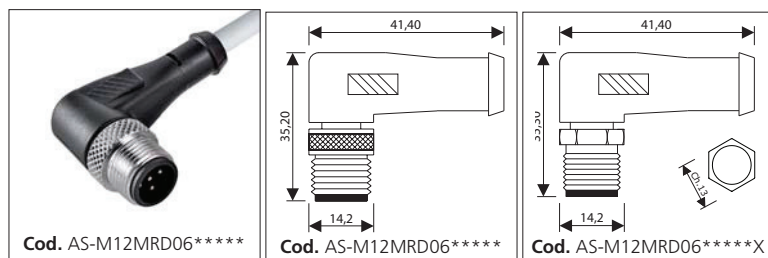


Cod. AS-M12MAX06*****

Cod. AS-M12MAX06*****

Cod. AS-M12MAX06*****X

MASCHIO RD / MALE RD



Cod. AS-M12MRD06*****

Cod. AS-M12MRD06*****

Cod. AS-M12MRD06*****X

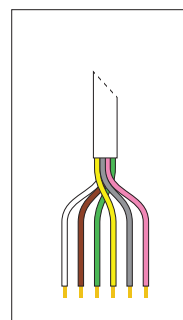


TABELLA COLORI
COLOURS TABLE

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

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

AX = Dritto / Straight
RD = 90°

AS-M12M/**06050**/**

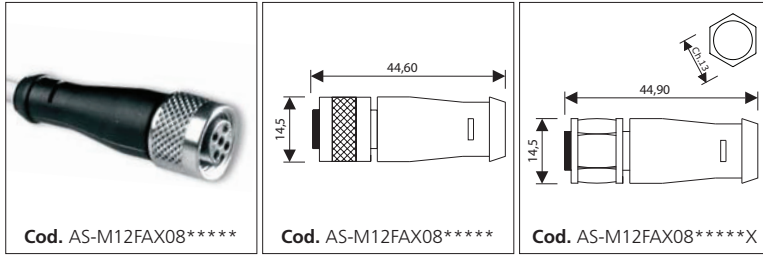
lunghezza cavo cable lenght
001 = 10 cm
010 = 1 m
100 = 10 m

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

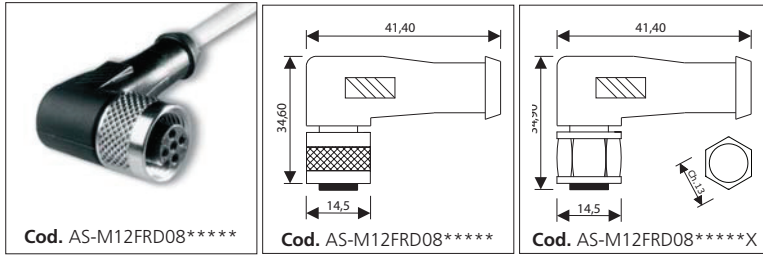
COD.	C	CS
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC PVC CABLE	CAVO PVC SCHERMATO PVC SHIELDED CABLE
Sezioni Sections	6 x 24AWG (6 x 0.25) 80°C - 300 V	6 x 24AWG (6 x 0.25) ST 80°C - 300 V
Diametri Diameter	5.9 +/- 0.15	6.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC FLEX 32 x 0.10
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		
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


Cod. AS-M12FAX08****

Cod. AS-M12FAX08****

Cod. AS-M12FAX08****X

FEMMINA RD / FEMALE RD


Cod. AS-M12FRD08****

Cod. AS-M12FRD08****

Cod. AS-M12FRD08****X


**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 / <i>Inox AISI 304 Ring Nut</i>	min. 50 pcs	X
Connettore schermato / <i>Shielded Connector</i>		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).

**COMPOSIZIONE CODICE
CODE COMPOSITION**

AS-M12F**08050**/**

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

**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

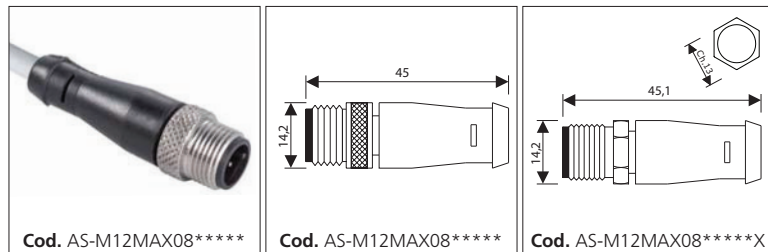
SPECIFICHE TECNICHE
TECHNICAL SPECIFICATIONS

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 / seqq	4 mt / seqq	4 mt / seqq	10 mt / seqq	---	---	---	5 mt / seqq

MASCHIO AX / MALE AX



MASCHIO RD / MALE RD

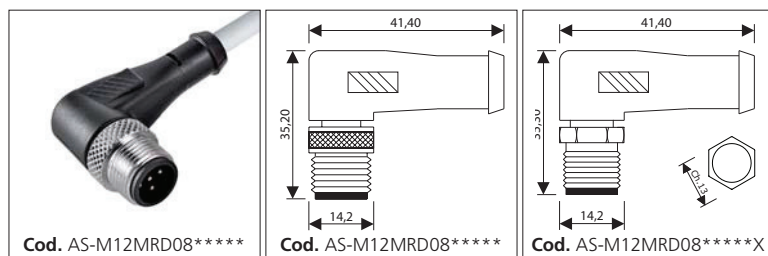


TABELLA COLORI / COLOURS TABLE

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

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

AX = Dritto / Straight RD = 90°

AS-M12M**08050**/*

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

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

G = grafoplast

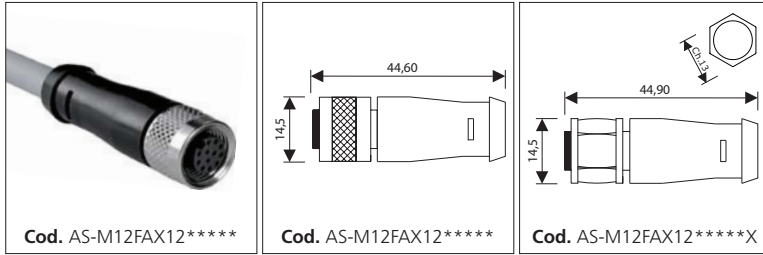
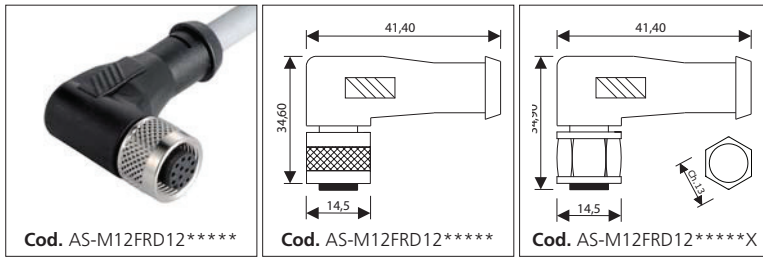
H = connettore schermato / shielded connector
X = ghiera inox / inox ring nut
HX = connettore schermato e ghiera inox / shielded connector and inox ring nut

SPECIFICHE TECNICHE

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 Black 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 / Traslacion'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

FEMMINA AX / FEMALE AX

Cod. AS-M12FAX12*****
Cod. AS-M12FAX12*****
Cod. AS-M12FAX12***X**
FEMMINA RD / FEMALE RD

Cod. AS-M12FRD12*****
Cod. AS-M12FRD12*****
Cod. AS-M12FRD12***X**

**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 / <i>Inox AISI 304 Ring Nut</i>	min. 50 pcs	X
Connettore schermato / <i>Shielded Connector</i>		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 ≤ 5mΩ
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°

AS-M12F**12050**/*

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

**CONFIGURAZIONI AGGIUNTIVE
MORE CONFIGURATIONS**

G = grafoplast

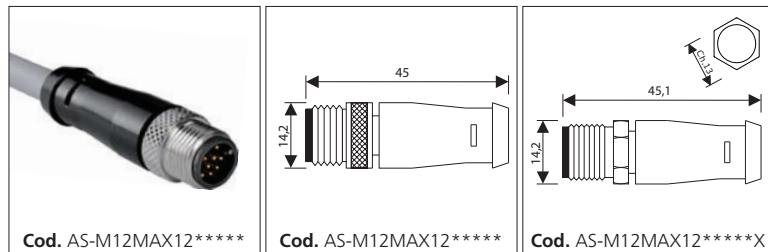
H = connettore schermato
shielded connector

X = ghiera inox / inox ring nut

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

COD.	C	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

MASCHIO AX / MALE AX



MASCHIO RD / MALE RD

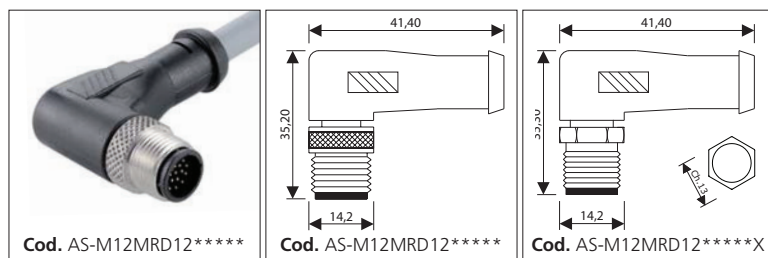


TABELLA COLORI
COLOURS TABLE

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 / <i>Inox AISI 304 Ring Nut</i>	min. 50 pcs	X
Connettore schermato / <i>Shielded Connector</i>		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

COMPOSIZIONE CODICE
CODE COMPOSITION

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

AX = Dritto / Straight
RD = 90°

AS-M12M12050**/***

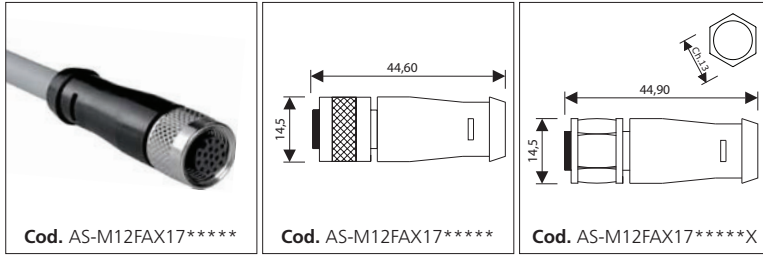
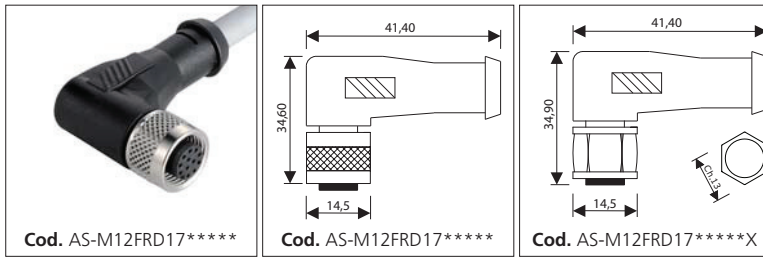
lunghezza cavo cable length
001 = 10 cm
010 = 1 m
100 = 10 m

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	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	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

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 / <i>Inox AISI 304 Ring Nut</i>	min. 50 pcs	X
Connettore schermato / <i>Shielded Connector</i>		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

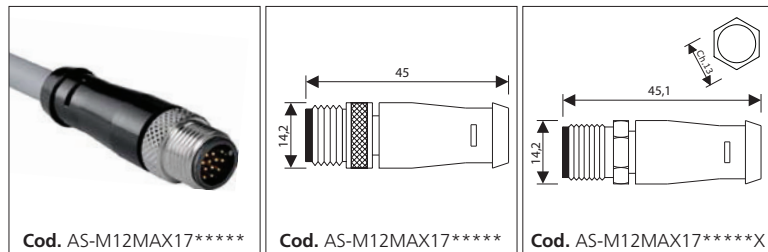
Contact plug holder: self-extinguishing ABS UL94 V0. Contact: phosphorouse bronze with gold flash (female). Metal ring nut: nickel-plated brass. Body connector: black polyamide. O-ring: Viton (female).

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 ≤ 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° AS-M12F**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
lunghezza cavo cable lenght 001 = 10 cm 010 = 1 m 100 = 10 m	

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 awg 26 (12 x 0.14) 80° - 300 V	17 x awg 26 (12 x 0.14) 80° - 300 V	17 x awg 26 ST (12 x 0.14) 80° - 300 V	17 x awg 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 ≥ 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

MASCHIO AX / MALE AX



MASCHIO RD / MALE RD

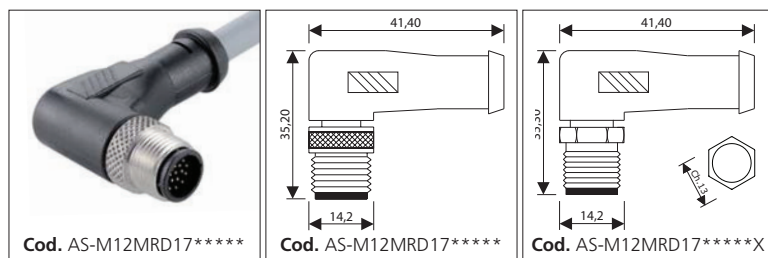


TABELLA COLORI
COLOURS TABLE

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



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 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

COMPOSIZIONE CODICE
CODE COMPOSITION

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

AX = Dritto / Straight
RD = 90°

AS-M12M/**17050**/**

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	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 (12 x 0.14) 80° - 300 V	17 x avg 26 (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 ≥ 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