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Connettori e Prolunghe per Reti Profinet / Ethercat

*Connectors and extenders
for Profinet / Ethercat networks*



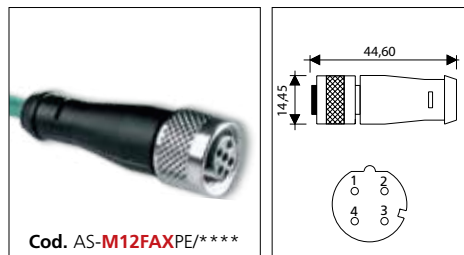
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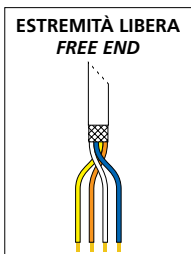
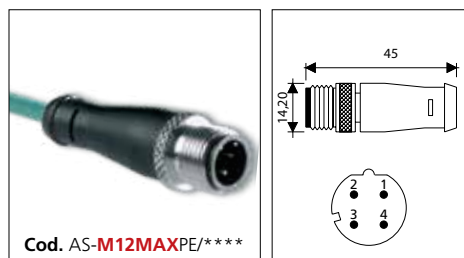
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FEMMINA AX / FEMALE AX



MASCHIO AX / MALE AX

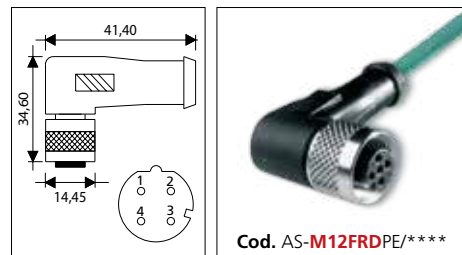


**TABELLA COLORI
COLOURS TABLE**

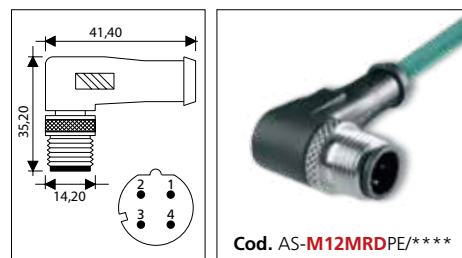
1	TD+	YE
3	TD-	OG
2	RD+	WH
4	RD-	BU

CONNETTORE SCHERMATO
SHIELDED CONNECTOR

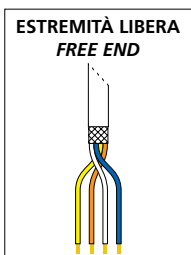
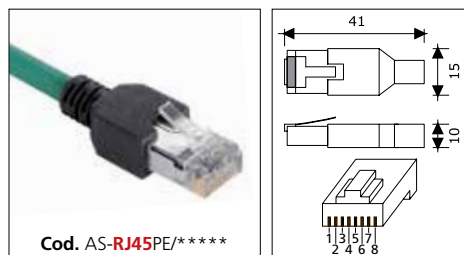
FEMMINA RD / FEMALE RD



MASCHIO RD / MALE RD



RJ45



**TABELLA COLORI
COLOURS TABLE**

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

CONNETTORE SCHERMATO
SHIELDED CONNECTOR

**COMPOSIZIONE CODICE
CODE COMPOSITION**

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

Cod. (vedi disegno)
Code (like drawing)

AS-**PE/050***

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

**CONFIGURAZIONI AGGIUNTIVE
MORE CONFIGURATIONS**

X = ghiera inox / inox ring nut

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox / Inox Ring Nut min. 50 pcs X

MATERIALI M12

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

MATERIALS M12

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

SPECIFICHE TECNICHE M12 TECHNICAL SPECIFICATIONS M12

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

COD.	F	M
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections	2 x 2 x awg 22 Q-R SN/ST	2 x 2 x awg 22 Q-R SN/ST
Diametri Diameter	6.5 +/- 0.2	6.5 +/- 0.2
Norme di riferimento Reference standards	RU style 2502 CAT 5E	RU style 20554 CAT 5E
Guaina Esterna Outer Jacket	PVC Green Ral 6018 Oil resistant - Flam retardant	PVC Green Ral 6018 Oil resistant - Flam retardant Halogen Free
Caratteristiche elettriche Electrical characteristics	Nominal capacity 46 pF/m Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s	Nominal capacity 46 pF/m Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s
Temperatura di lavoro Work range	-30 / +80°C Static App.	-20 / +80°C Dynamic App.
Raggio di curvatura Bending radius	6 x Ø esterno	10 x Ø esterno
Schermatura Shield	I - in poliestere / alluminium II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	I - in poliestere / alluminium II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / secq

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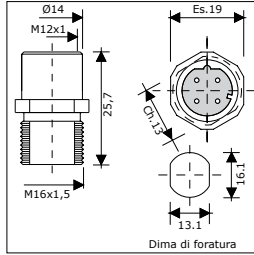
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FEMMINA montaggio frontale con cavo

FEMALE front mounting with cable

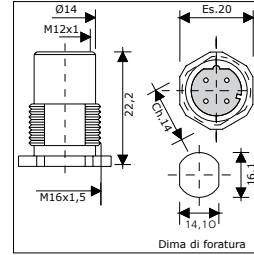


Cod. AS-PEF11163/***



FEMMINA montaggio posteriore con cavo

FEMALE rear mounting with cable



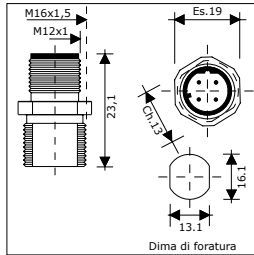
Cod. AS-PEF593/***

MASCHIO montaggio frontale con cavo

MALE front mounting with cable

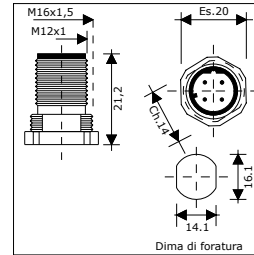


Cod. AS-PEM10163/***



MASCHIO montaggio posteriore con cavo

MALE rear mounting with cable



Cod. AS-PEM273/***

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

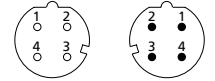
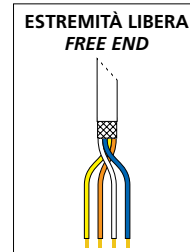


TABELLA COLORI COLOURS TABLE		
1	TD+	YE
3	TD-	OG
2	RD+	WH
4	RD-	BU

CONNETTORE SCHERMATO
SHIELDED CONNECTOR

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

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

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

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

MATERIALI

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

MATERIALS

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

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

COD.	F	M
	SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE
Sezioni Sections	2 x 2 x awg 22 Q-R SNST	2 x 2 x awg 22 Q-R SNST
Diametri Diameter	6.5 +/- 0.2	6.5 +/- 0.2
Norme di riferimento Reference standards	style 2502 CAT 5E	style 20554 CAT 5E
Guaina Esterna Outer Jacket	PVC Green Ral 6018 Oil resistant - Flam retardant	PVC Green Ral 6018 Oil resistant - Flam retardant Halogen Free
Caratteristiche elettriche Electrical characteristics	Nominal capacity 46 pF/m Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s	Nominal capacity 46 pF/m Impedence 100 ohm +/- 15 Transmission speed up to 100 mt - 100 Mbit/s
Temperatura di lavoro Work range	-30 / +80°C Static App.	-20 / +80°C Dynamic App.
Raggio di curvatura Bending radius	6 x Ø esterno	10 x Ø esterno
Schermatura Shield	I - in poliestere / alluminio II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	I - in poliestere / alluminio II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed	---	200 m / min
Accelerazione Acceleration	---	10 m / seq

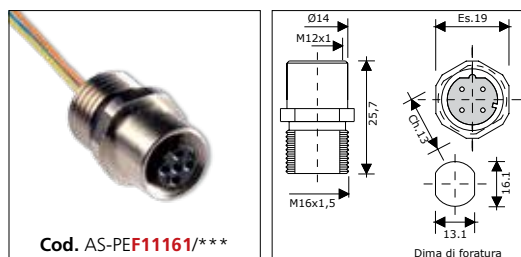
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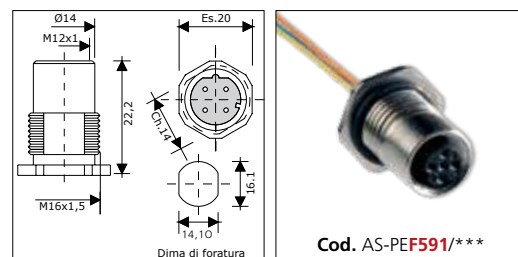
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FEMMINA montaggio frontale con cavi unipolari
FEMALE front mounting single wire



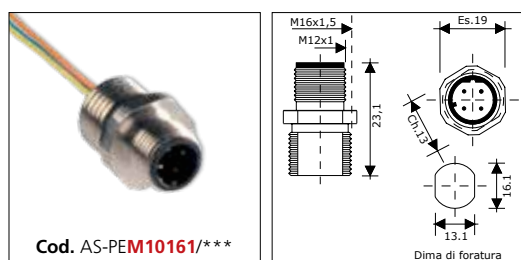
Cod. AS-PEF11161/***

FEMMINA montaggio posteriore con cavi unipolari
FEMALE rear mounting single wire



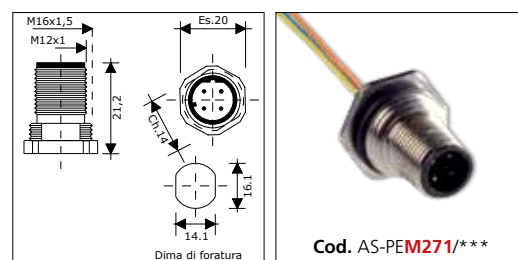
Cod. AS-PEF591/***

MASCHIO montaggio frontale con cavi unipolari
MALE front mounting single wire



Cod. AS-PEM10161/***

MASCHIO montaggio posteriore con cavi unipolari
MALE rear mounting single wire



Cod. AS-PEM271/***

COMPOSIZIONE CODICE CODE COMPOSITION	CONFIGURAZIONI AGGIUNTIVE MORE CONFIGURATIONS
Cod. (vedi disegno) Code (like drawing)	
AS-PE*****/*	X = ghiera inox / inox ring nut

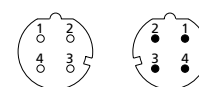


TABELLA COLORI
COLOURS TABLE

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

CONNETTORE SCHERMATO
SHIELDED CONNECTOR

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

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

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

Ghiera Inox / Inox Ring Nut min. 100 pcs X

MATERIALI

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

MATERIALS

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

SPECIFICHE CAVI UNIPOLARI / SINGLE WIRE SPECIFICATION

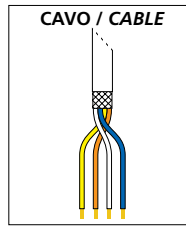
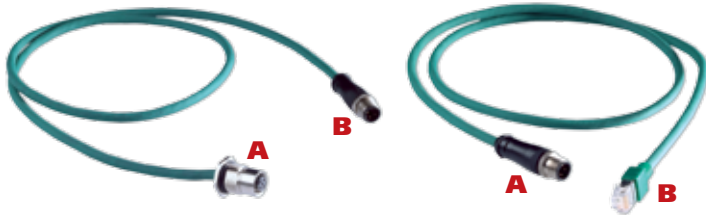
Normativa	Reference	UL-AWM/style 1213 MIL-W-16878/4 (type E) NEMA HP3-EXBEB
Guaina	Jacket	PTFE
Tensione	Voltage	600 V
Sezione	Section	awg 24
Ø Esterno	Ø External	1.15 +/- 0.1
Temperatura	Temperature	-60/+200°C

SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS

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

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PROLUNGHE DIRITTE / LINE EXTENDERS

A		B	
M 12	RJ45	M12	RJ45
1	1 TD+	1	1
3	2 TD-	3	2
2	3 RD+	2	3
4	6 RD-	4	6

CONNETTORE SCHERMATO / SHIELDED CONNECTOR

		A									
		M12								RJ 45	
		M AX	M RD	F AX	F RD	M 10163	M 273	F 11163	F 593	RJ 45	
B	RJ 45		53	54	55	56	57	58	59	60	69
	M12	F 593		08	15	21	26	70	71	72	73
		F 11163		07	14	20	25	74	75	76	
		M 273		06	13	19	24	77	78		
		M 10163		05	12	18	23	79			
		F RD		04	11	17	22				
		F AX		03	10	16					
		M RD		02	09						
M AX		01									

COMPOSIZIONE CODICE
CODE COMPOSITION

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

Cod. (vedi tabella)
Code (like tab)

AS-PLPE050/***

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

CONFIGURAZIONI AGGIUNTIVE
MORE CONFIGURATIONS

X = ghiera inox / inox ring nut

COD.	F	M	
	SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC POSA FISSA PVC FIXED INSTALL. CABLE	CAVO PUR POSA MOBILE PUR DYNAMIC INSTALL. CABLE
Sezioni Sections		2 x 2 x awg 22 Q-R SNST	2 x 2 x awg 22 Q-R SNST
Diametri Diameter		6.5 +/- 0.2	6.5 +/- 0.2
Norme di riferimento Reference standards		style 2502 CAT 5E	style 20554 CAT 5E
Guaina Esterna Outer Jacket		PVC Green Ral 6018 Oil resistant - Flam retardant	PVC Green Ral 6018 Oil resistant - Flam retardant Halogen Free
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Temperatura di lavoro Work range		-30 / +80°C Static App.	-20 / +80°C Dynamic App.
Raggio di curvatura Bending radius		6 x Ø esterno	10 x Ø esterno
Schermatura Shield		I - in poliestere / aluminium II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	I - in poliestere / aluminium II - A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di traslazione Traslation's speed		---	200 m / min
Accelerazione Acceleration		---	10 m / secq

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

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

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