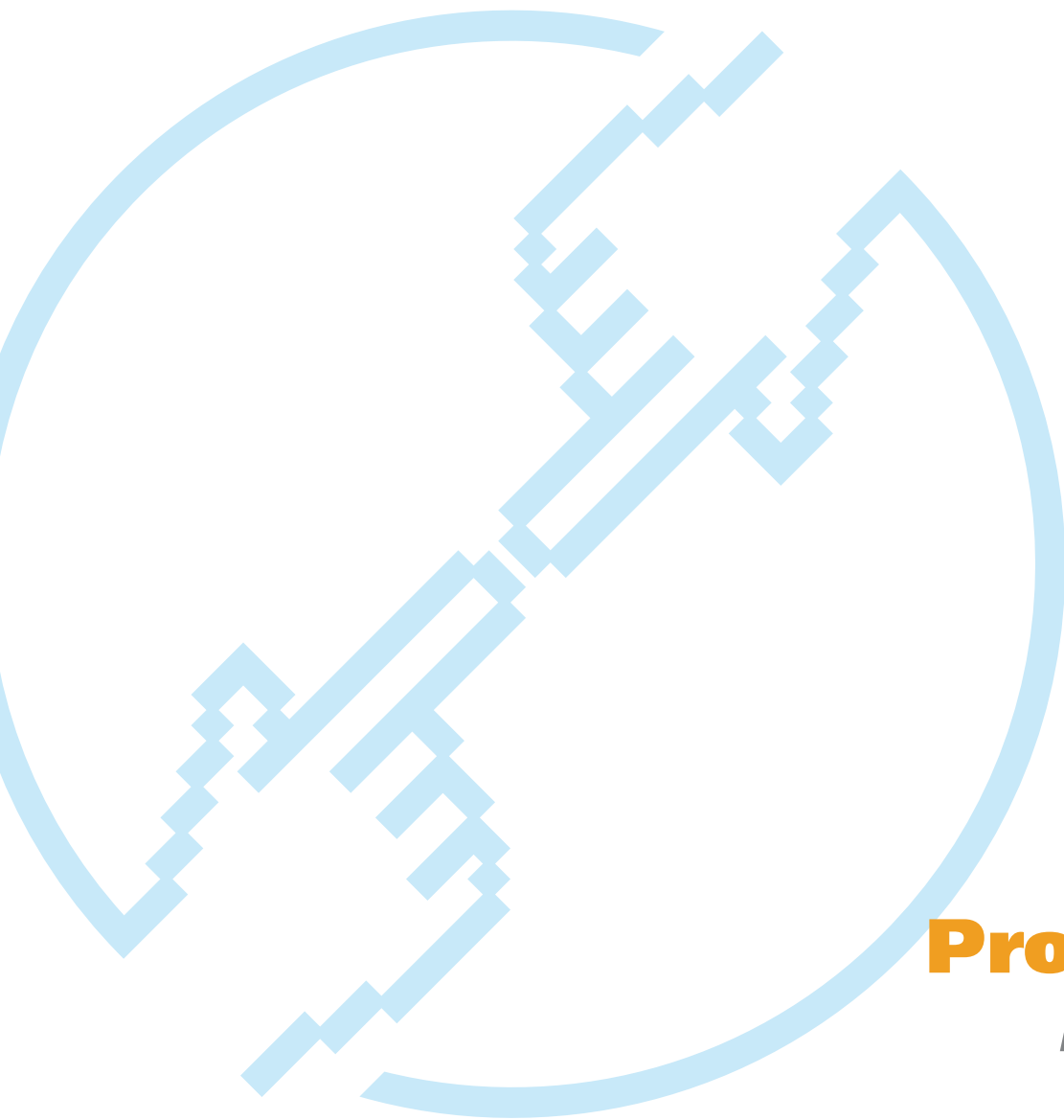
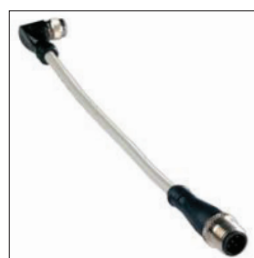




Prolunghe *Extenders*

Lineari
Lineari



Ad Y





CONNETTORI M8 / M8 CONNECTORS

MATERIALI

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

MATERIALS

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

SPECIFICHE TECNICHE

Normativa di riferimento

Corrente Nominale

Tensione Nominale

Grado di protezione

Resistività di massa

Temperatura di esercizio (connettore)

TECHNICAL SPECIFICATIONS

Reference standards

Nominal Currents

Nominal Voltage

Protection Class

Resistance

Working Temperature

IEC 61076-2-104

3 A

60 V AC-DC

IP67

≤ 5mΩ

-20/+80°C Fix Install

CONNETTORI M12 / M12 CONNECTORS

MATERIALI

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

MATERIALS

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

SPECIFICHE TECNICHE

Normativa di riferimento

Corrente Nominale

Tensione Nominale

Grado di protezione

Resistività di massa

Temperatura di esercizio (connettore)

TECHNICAL SPECIFICATIONS

Reference standards

Nominal Currents

Nominal Voltage

Protection Class

Resistance

Working Temperature

IEC 61076-2-101

4 A

250 V AC-DC

IP67

≤ 5mΩ

-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
Gaina 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

PROLUNGHE M8 - M12 4 POLI

EXTENDERS M8 - M12 4 PINS

ROHS
compliant



CONNETTORI M8 / M8 CONNECTORS

MATERIALI

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

MATERIALS

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

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

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

CONNETTORI M12 / M12 CONNECTORS

MATERIALI

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

MATERIALS

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

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

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

4 CONDUTTORI / 4 WIRE

COD.	"C"	"CUY"	"CN"	"CUN"	"R"	"RUY"	"RN"	"RUN"	"CS"	"CSUN"	"RS"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC 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 awg 22 (4 x 0.34) 80° - 300 V	4 x 24AWG (4 x 0.25) ST 80° - 300 V	4 x 22AWG (4 x 0.34) ST 80° - 300 V	4 x 24AWG (4 x 0.25) ST 80° - 300 V
Diametri Diameter	4.6 +/- 0.2	4.8 +/- 0.2	4.6 +/- 0.2	4.8 +/- 0.2	4.6 +/- 0.2	4.0 +/- 0.2	4.7 +/- 0.2	4.9 +/- 0.2	4.9 +/- 0.2	5.4 +/- 0.2	4.8 +/- 0.2
Conduttori Conductor	PVC classe 6 FLEX 32 x 0.10	PVC FLEX 32 x 0.10	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 32 x 0.10	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 19 x 0.15	PVC classe 6 FLEX 19 x 0.13	PVC classe 6 FLEX 42 x 0.10	PVC classe 6 FLEX 19 x 0.13
Guaia Esterna Outer Jacket	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Yellow RAL 1021 DESINA Flam Test	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR UL/CSA Oil resistant ISO 6722 STYLE 2464 Black Flam Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR UL/CSA STYLE 20549 Yellow RAL 1021 DESINA Flam Test FT1	PUR Compound Oil resistant ISO 6722 STYLE 21441 Black - RAL9005 Flam Test FT2	PUR UL/CSA Oil resistant ISO 6722 STYLE 21441 Black RAL 9005 Flam Test FT2	PVC CEI 2022 - II Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 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

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

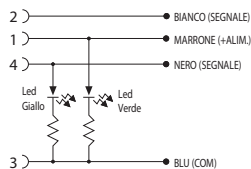
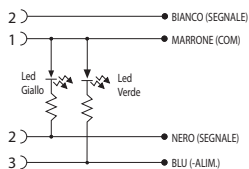
Ghiera Inox AISI 304 / *Inox AISI 304 Ring Nut*

min. 50 pcs

X

Connettore schermato / *Shielded Connector*
H

Connettore cod. D / *Connector D code*

D
SCHEMA ELETTRICO / ELECTRICAL LAYOUT
PNP (P)

NPN (N)

**COMPOSIZIONE CODICE
CODE COMPOSITION**

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

AS-PL0500404/***/

lunghezza cavo
cable length

001 = 10 cm

010 = 1 m

100 = 10 m

Cod. (vedi tabella)
Code (like tab)

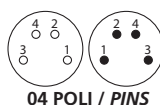
**CONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS**

D = Connector Cod. D

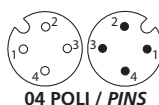
G = grafoplast

H = connettore schermato
shielded connector

X = ghiera inox / *inox ring nut*

HX = connettore schermato
e ghiera inox
shielded connector
and *inox ring nut*
A, B:
M8


04 POLI / PINS

M12


04 POLI / PINS

**TABELLA COLORI
COLOURS TABLE**

1	BN
2	WH
3	BU
4	BK

A 4 POLI / 4 PINS
M12
M8

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

B 4 POLI / 4 PINS

PROLUNGHE M8 - M12 3-4 POLI

EXTENDERS M8 - M12 3-4 PINS



CONNETTORI M8 / M8 CONNECTORS

MATERIALI

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

MATERIALS

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

SPECIFICHE TECNICHE

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

CONNETTORI M12 / M12 CONNECTORS

MATERIALI

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

MATERIALS

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

SPECIFICHE TECNICHE

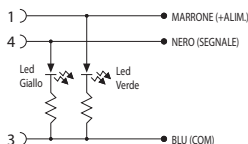
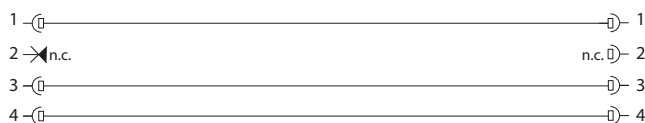
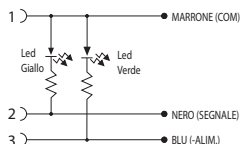
SPECIFICHE TECNICHE	TECHNICAL SPECIFICATIONS	
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale	Nominal Voltage	250 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)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

3 CONDUTTORI / 3 WIRE

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

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

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

SCHEMA ELETTRICO / ELECTRICAL LAYOUT
PNP (P)

NPN (N)

**COMPOSIZIONE CODICE
CODE COMPOSITION**

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

AS-PL050304/***

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

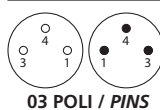
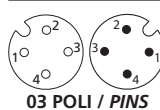
Cod. (vedi tabella)
Code (like tab)

**CONFIGURAZIONI
AGGIUNTIVE
MORE
CONFIGURATIONS**

G = grafoplast

H = connettore schermato
shielded connector

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

A, B:
M8

M12

**TABELLA COLORI
COLOURS TABLE**

1	BN
3	BU
4	BK

A 4 POLI / 4 PINS
M12

		F AX	F RD	F RD LED	M AX	M RD
B 3 POLI / 3 PINS	M8	09	17	23N 23P	29	34
		08	16	22N 22P	28	33
		07	15	21N 21P	27	32
		06	14	20N 20P	26	31

PROLUNGHE M12 5 POLI

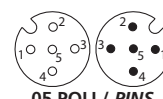
EXTENDERS M12 5 PINS

ROHS
compliant



A, B:

M12



05 POLI / PINS

TABELLA COLORI
COLOURS TABLE

1	BN
2	WH
3	BU
4	BK
5	GY

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

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

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

Connettore cod. B / *Connector B code*



B

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

A M12 5 POLI / 5 PINS

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

MATERIALI

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

MATERIALS

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

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

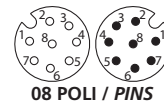
Normativa di riferimento	Reference standards	IEC 61076-2-101
Corrente Nominale	Nominal Currents	4 A
Tensione Nominale	Nominal Voltage	60 V AC-DC
Grado di protezione	Protection Class	IP67
Resistività di massa	Resistance	≤ 5mΩ
Temperatura di esercizio (connettore)	Working Temperature	-20/+80°C Fix Install

5 CONDUTTORI / 5 WIRE

COD.	"C"	"CUY"	"CN"	"R"	"RN"	"RUN"	"CS"	"CSUY"	"CSUN"	"RSUN"
SPECIFICHE CAVO CABLE SPECIFICATIONS	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PVC CABLE	CAVO PVC UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC UL/CSA UL/CSA PUR CABLE	CAVO PUR UL/CSA UL/CSA PUR CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PVC SCHERMATO SHIELDED PVC CABLE	CAVO PUR SCHERMATO SHIELDED 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 10167 STYLE 2464 Yellow RAL 1021 DESINA Flam Test FT1	PVC UL/CSA Oil resistant UL 1581 STYLE 2464 Black Flam Test FT1	PUR compound Oil resistant ISO 6722 STYLE 21441 Grey Ral 7035 Flam Test FT2	PUR UL/CSA Oil resistant UL 1581 STYLE 20549 Black Flam Test FT1	PUR UL/CSA Oil resistant UL 1581 STYLE 20549 Black Flam Test FT1	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Grey Ral 7035 Flam Test FT1	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Yellow Ral 1021 DESINA Flam Test FT1	PVC UL/CSA Oil resistant ISO 6722 STYLE 2464 Black Flam Test FT1	PUR UL/CSA Oil resistant UL 1581 STYLE 20549 Halogen Free - Black Flam Test FT1
Normative di riferimento Reference standards										
Temperatura di esercizio Working temperature	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App. +5 / +80°C Dynamic App.	-30 / +80°C Static App. -5 / +80°C Dynamic App.	-15 / +80°C Static App. -5 / +80°C Dynamic App.	-40 / +80°C Static App. -5 / +80°C Dynamic App.	-5 / +80°C Static App. +5 / +80°C Dynamic App.	-15 / +80°C Static App.	-5 / +80°C Static App.	-40 / +80°C Static App. -5 / +80°C Dynamic App.
Raggio di curvatura Bending radius	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	10 x Ø esterno	12 x Ø esterno	12 x Ø esterno	7 x Ø esterno
Schermatura Shield	---	---	---	---	---	---	A treccia - Copertura ≥ 80% Braided coverage ≥ 80%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%	A treccia - Copertura ≥ 85% Braided coverage ≥ 85%
Velocità di trazione Traslation's speed	90 mt / min	90 mt / min	90 mt / min	90 mt / min	150 mt / min	200 mt / min	90 mt / min	---	---	220 mt / min
Accelerazione Acceleration	4 mt / secq	4 mt / secq	4 mt / secq	5 mt / secq	4 mt / secq	30 mt / secq	4 mt / secq	---	---	10 mt / secq



A, B:
M12



08 POLI / PINS

TABELLA COLORI

COLOURS TABLE

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

A M12 8 POLI / 8 PINS

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

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

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

COMPOSIZIONE CODICE

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

AS-PL0500808/**

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

Cod. (vedi tabella)
Code (like tab)

CONFIGURAZIONI AGGIUNTIVE

MORE CONFIGURATIONS

G = grafioplast

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

MATERIALI

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

MATERIALS

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

SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

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

8 CONDUTTORI / 8 WIRE

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

PROLUNGHE M12 12 POLI EXTENDERS M12 12 PINS

ROHS
compliant



A, B:
M12

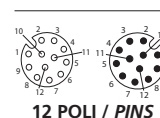


TABELLA COLORI COLOURS TABLE

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

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

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

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

A M12 12 POLI / 12 PINS

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

MATERIALI

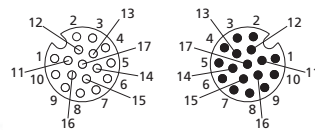
Portacontatto in ABS V0 UL94 autoestinguente, contatto tornito in ottone dorato AU03. Ghiera di tenuta meccanica in Ottone Nichelato. Corpo in poliammide nero durezza shore 92H. O-ring di tenuta in Viton (femmina).

MATERIALS

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

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

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


TABELLA COLORI
COLOURS TABLE

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

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

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

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

A M12 17 POLI / 17 PINS

		F AX	F RD	M AX	M RD
B M12 17 POLI / 17 PINS	M RD	05	13	25	30
	M AX	04	12	24	
	F RD	02	10		
	F AX	01			

MATERIALI

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

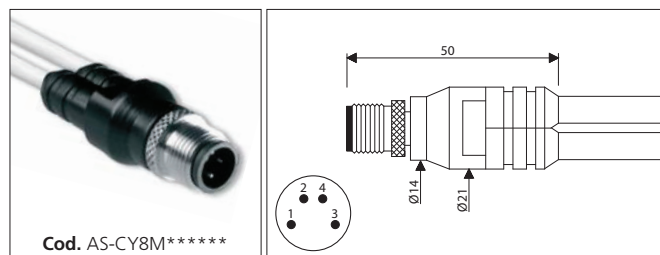
MATERIALS

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

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

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

MASCHIO / MALE



FEMMINA / FEMALE

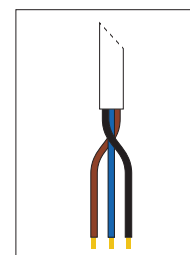
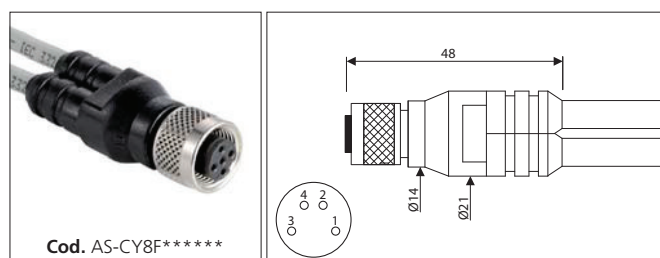


TABELLA COLORI
COLOURS TABLE

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

MATERIALS

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

COMPOSIZIONE CODICE

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

F = femmina / female
M = maschio / male

AS-CY8

*050/

**

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

Cod. (vedi tabella)
Code (like tab)

CONFIGURAZIONI AGGIUNTIVE

MORE CONFIGURATIONS

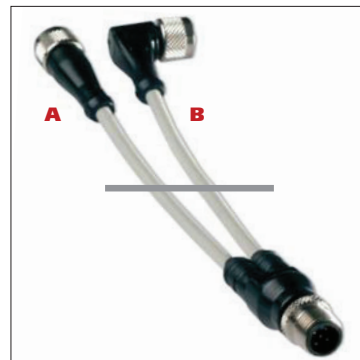
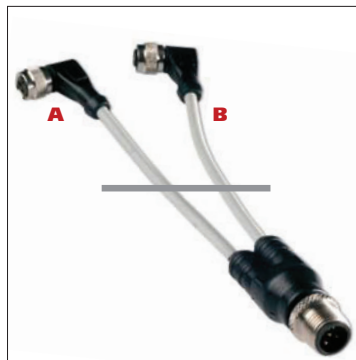
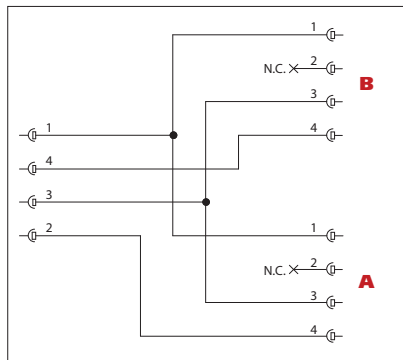
H = connettore schermato
shielded connector

X = ghiera inox / *inox ring nut*

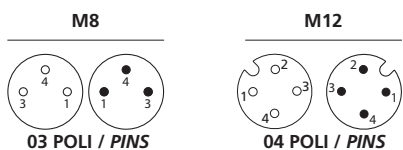
HX = connettore schermato e ghiera inox
shielded connector and *inox ring nut*

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

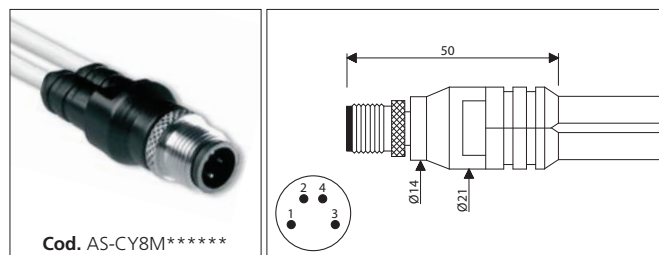


A, B:



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

MASCHIO / MALE



FEMMINA / FEMALE

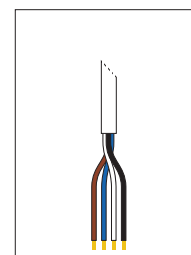
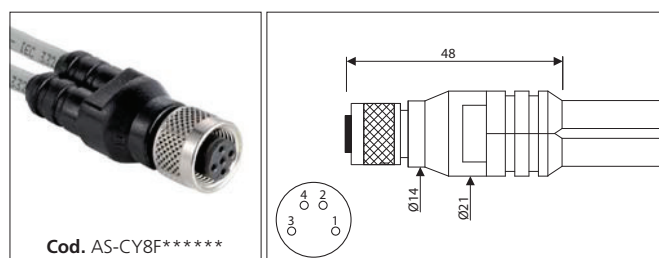


TABELLA COLORI
COLOURS TABLE

1	BN
2	WH
3	BU
4	BK

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

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

MATERIALI

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

MATERIALS

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

COMPOSIZIONE CODICE

CODE COMPOSITION

F = femmina / female
M = maschio / male

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

AS-CY8

lunghezza cavo (vedi cod. in tabella)
Cable length (code like table)

001 = 10 cm
010 = 1 m
100 = 10 m

Cod. (vedi tabella)
Code (like table)

050/**

CONFIGURAZIONI AGGIUNTIVE

MORE CONFIGURATIONS

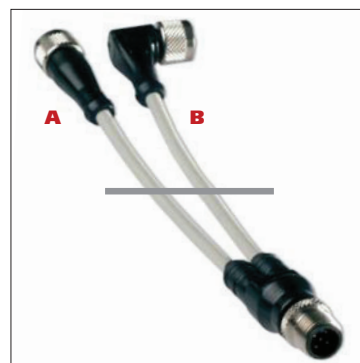
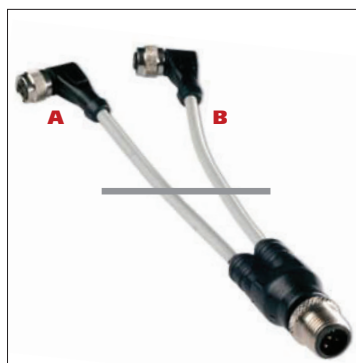
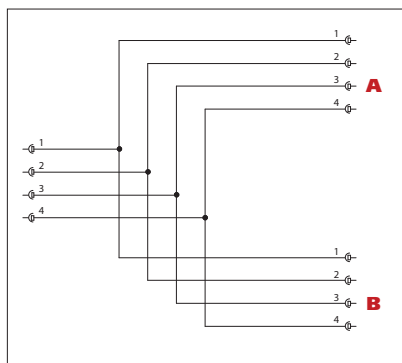
H = connettore schermato
shielded connector

X = ghiera inox / inox ring nut

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

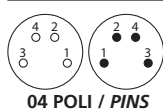
4 CONDUTTORI / 4 WIRE

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 trafilatura Traslation's speed	90 mt / min	90 mt / min	90 mt / min	120 mt / min	150 mt / min	---	150 mt / min	200 mt / min	---	---	40 mt / min
Accelerazione Acceleration	4 mt / secq	4 mt / secq	5 mt / secq	4 mt / secq	4 mt / secq	---	4 mt / secq	30 mt / secq	---	---	10 mt / secq

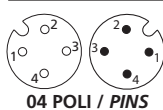


A, B:

M8



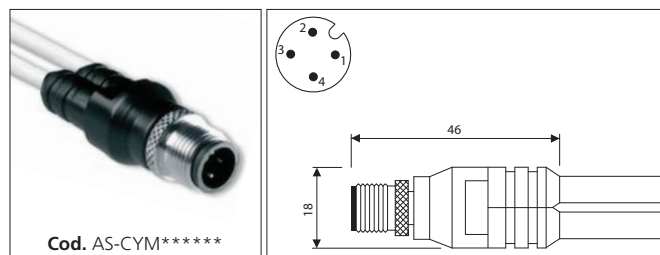
M12



A connessione PARALLELO / DOUBLE connection

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

MASCHIO / MALE



FEMMINA / FEMALE

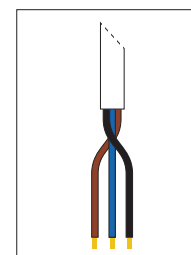
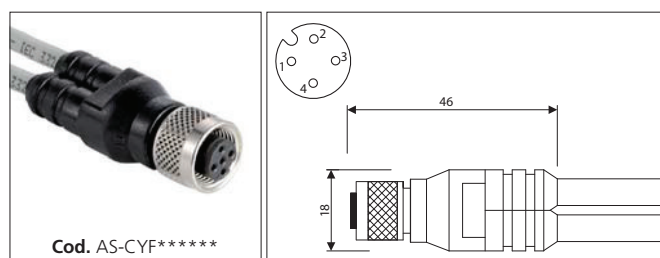


TABELLA COLORI
COLOURS TABLE

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

MATERIALS

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

COMPOSIZIONE CODICE

CODE COMPOSITION

Tipologia cavo (vedi cod. in tabella)

Cable type (code like table)

F = femmina / female

M = maschio / male

AS-CY*

050

lunghezza cavo cable length

001 = 10 cm

010 = 1 m

100 = 10 m

Cod. (vedi tabella) Code (like tab)

CONFIGURAZIONI AGGIUNTIVE

MORE CONFIGURATIONS

H = connettore schermato

shielded connector

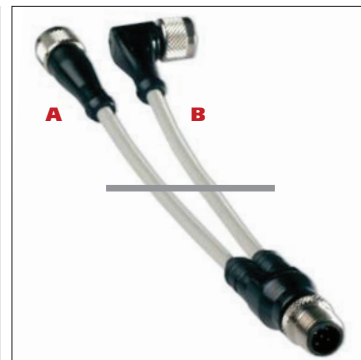
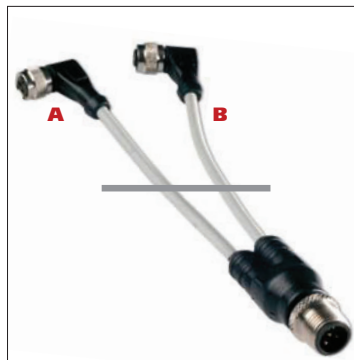
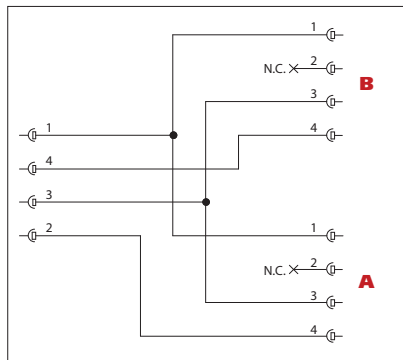
X = ghiera inox / inox ring nut

HX = connettore schermato e ghiera inox

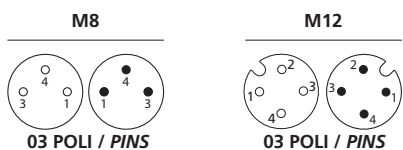
shielded connector and inox ring nut

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

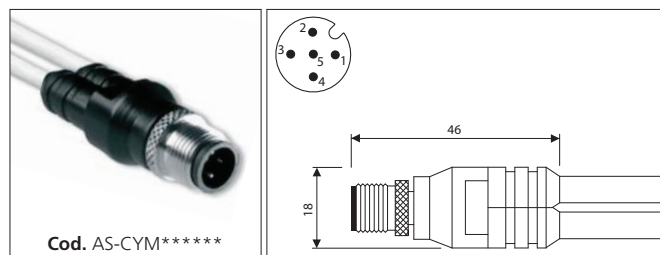


A, B:



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

MASCHIO / MALE



Uscita connettore M8

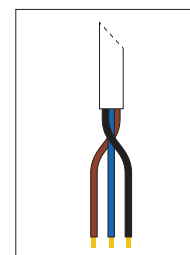
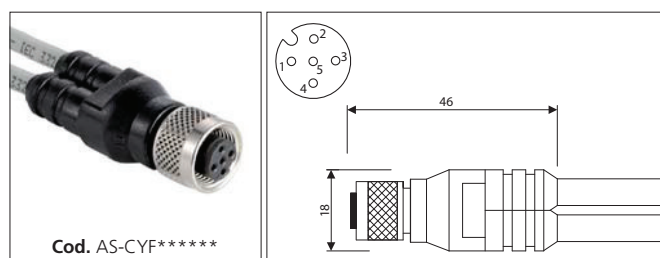


TABELLA COLORI
COLOURS TABLE

1	BN
3	BU
4	BK

FEMMINA / FEMALE



Uscita connettore M12

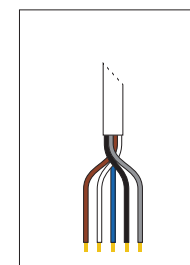


TABELLA COLORI
COLOURS TABLE

1	BN
2	WH
3	BU
4	BK
5	GY

CONFIGURAZIONI AGGIUNTIVE / MORE CONFIGURATIONS

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

MATERIALI

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

MATERIALS

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

COMPOSIZIONE CODICE

CODE COMPOSITION

F = femmina / female
M = maschio / male

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

AS-CY*

lunghezza cavo (vedi tabella)
cable length (code like table)

001 = 10 cm
010 = 1 m
100 = 10 m

Cod. (vedi tabella)
Code (like table)

050/**

**

CONFIGURAZIONI AGGIUNTIVE

MORE CONFIGURATIONS

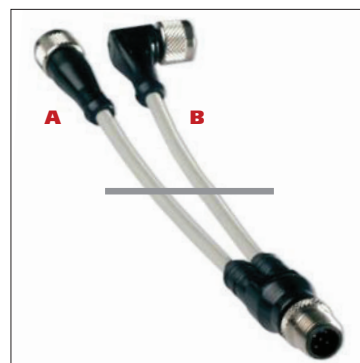
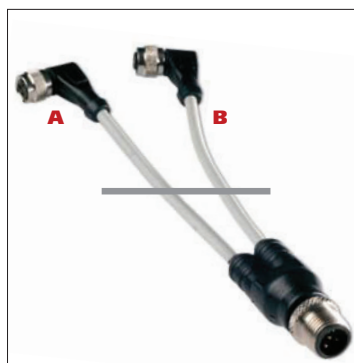
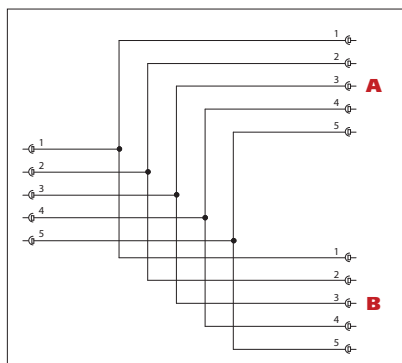
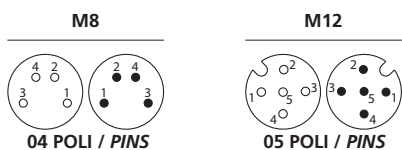
H = connettore schermato

X = ghiera inox / *inox ring nut*

HX = connettore schermato e ghiera inox

shielded connector and *inox ring nut*

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


A, B:


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