

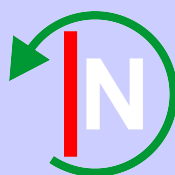
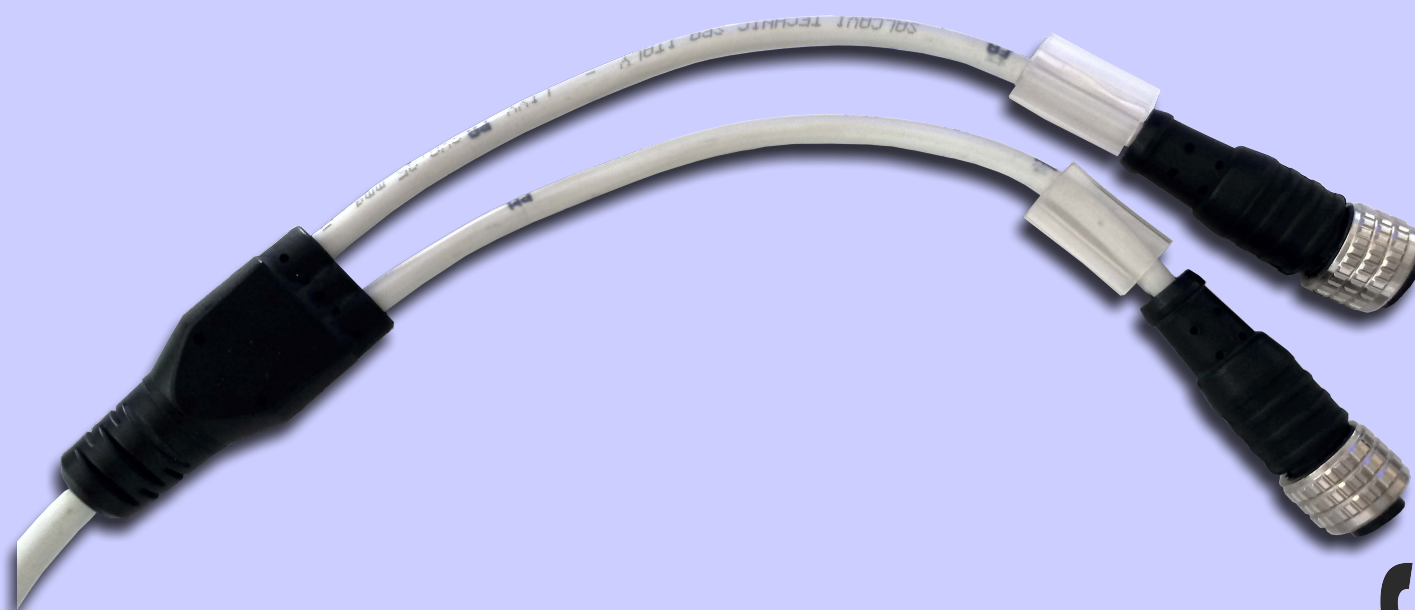
Catalogo 2022

Katalog
Catalogue

INDcon

Connettori elettrici

Geratestecker
Electrical Connectors

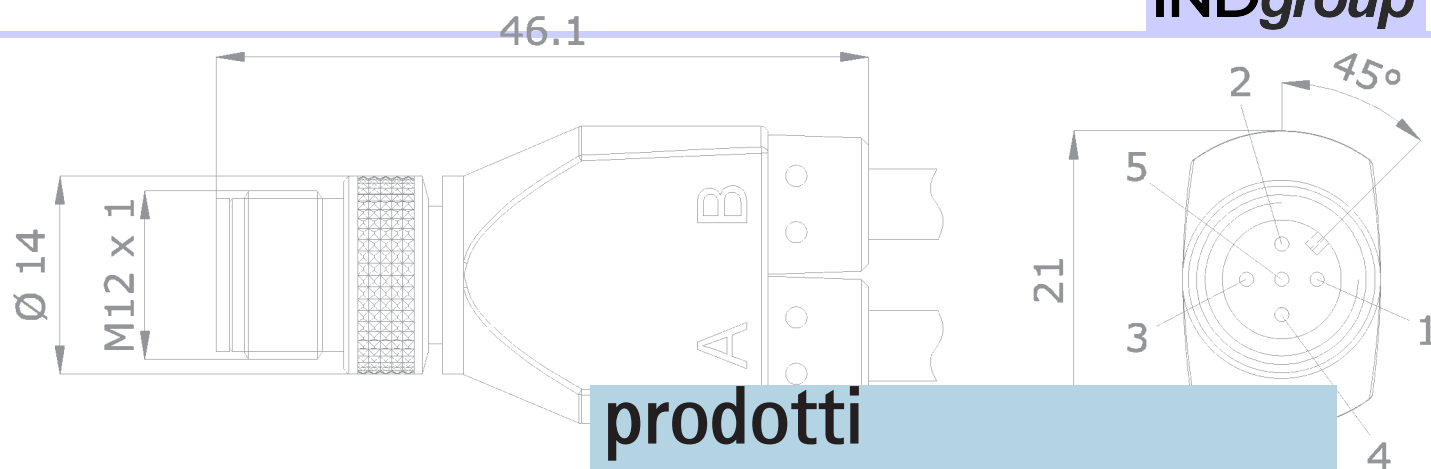


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prodotti

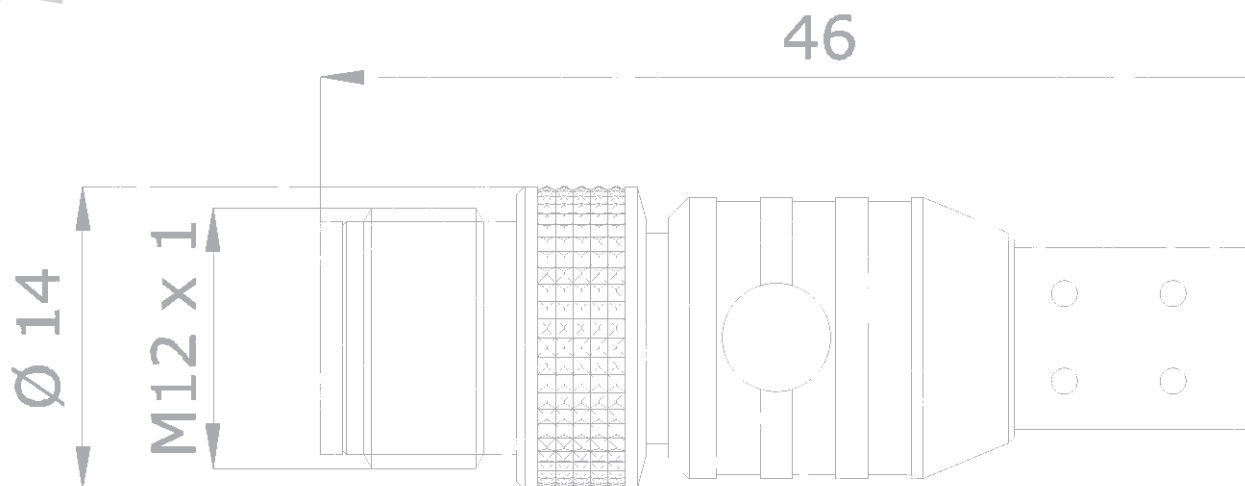
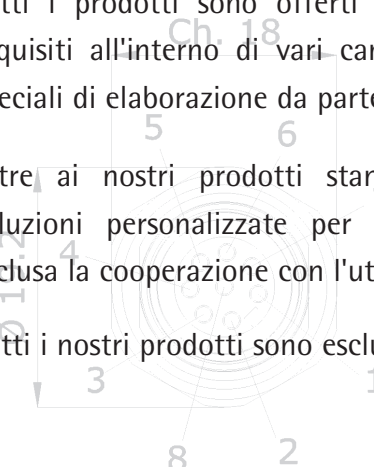
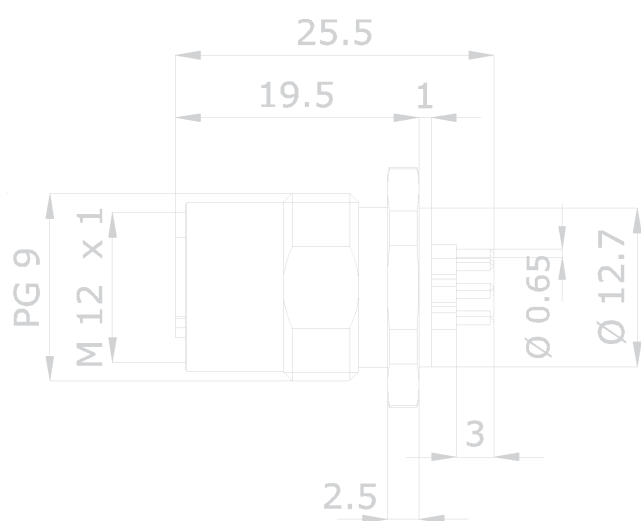
Da sempre nel mondo della connessione INDgroup studia, sviluppa e realizza ...

Ampia gamma di connettori circolari per ogni applicazione industriale (M8, M12, Connettori da pannello, Connettori elettrovalvola) e soluzioni personalizzate.

Tutti i prodotti sono offerti per soddisfare gli elevati requisiti all'interno di vari campi applicativi e richieste speciali di elaborazione da parte dell'utente finale.

Oltre ai nostri prodotti standard, sviluppiamo anche soluzioni personalizzate per problemi di connessione, inclusa la cooperazione con l'utente.

Tutti i nostri prodotti sono esclusivamente Made in Italy.



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INDICE

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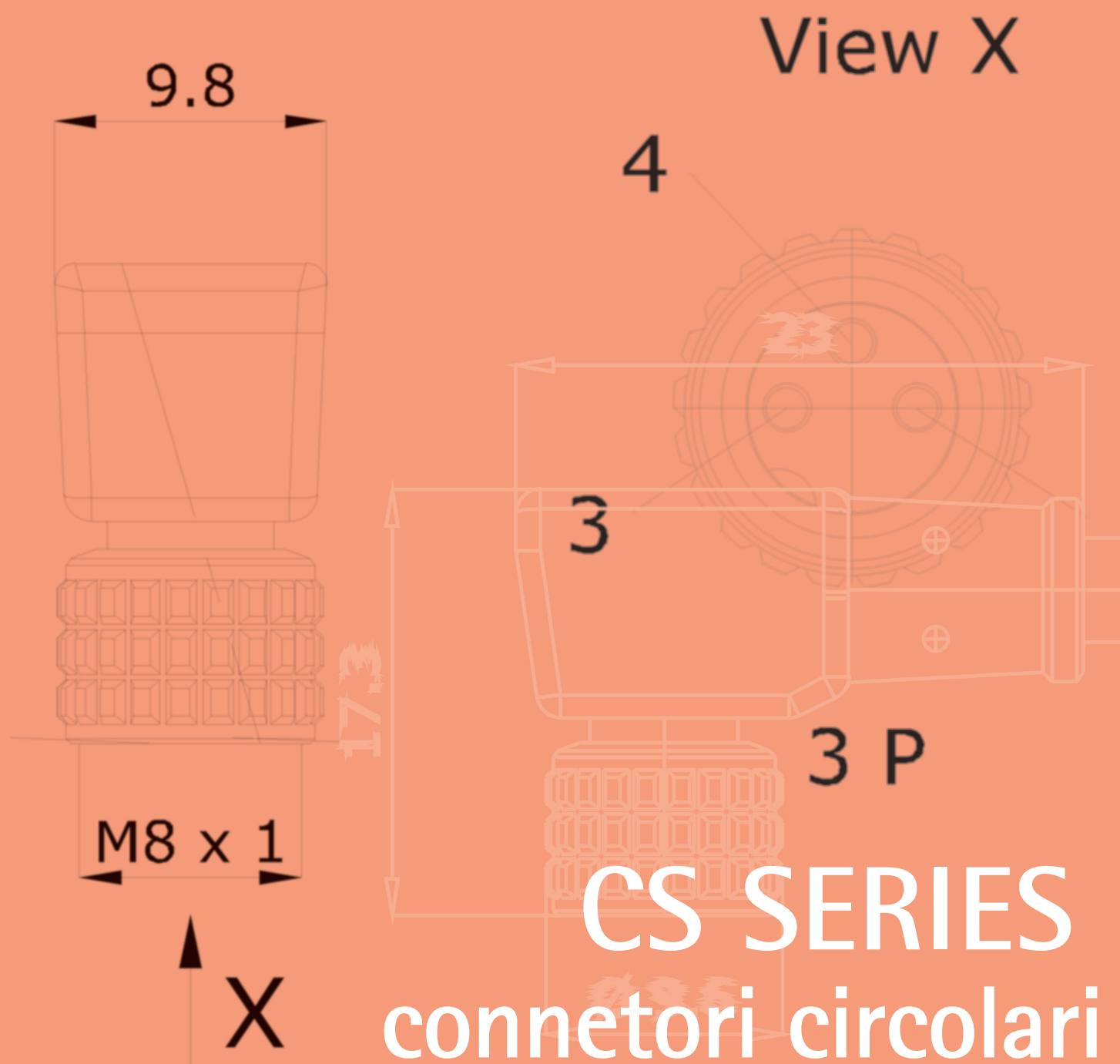
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SA SERIES

Self-Assembly Connectors
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CS SERIES

connettori circolari

M8

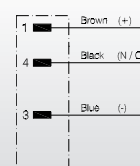
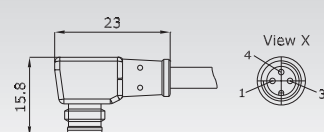
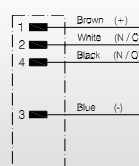
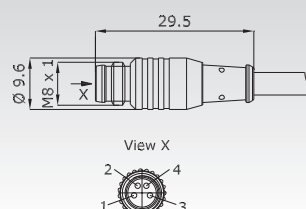
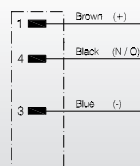
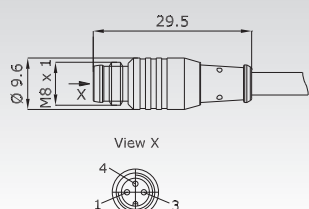
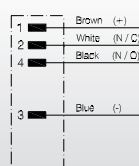
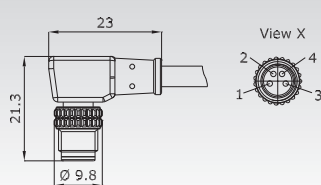
M12

male / female / led

pages 6 -19



Standard				
Product description	Straight connector with moulded cable, M8 locking nut and male contacts			Angled connector with moulded cable, M8 locking nut and male contacts
Technical data				
Number of contacts	3	4	3	
Locking system	Crimped	Crimped	Crimped	
Mounting	Locknut M8 x 1	Locknut M8 x 1	Locknut M8 x 1	
Coupling nut material	CuZn Nickel plated	CuZn Nickel plated	CuZn Nickel plated	
O-ring				
Housing material	TPU	TPU	TPU	
Contact holder material	PA + 30%GF	PA + 30%GF	PA + 30%GF	
Contact surface	Nickel + Au	Nickel + Au	Nickel + Au	
Contact material	CuZn	CuZn	CuZn	
Protection class	IP 67 when correctly assembled	IP 67 when correctly assembled	IP 67 when correctly assembled	
Temperature range	- 20°C / + 80°C	- 20°C / + 80°C	- 20°C / + 80°C	
Rated current	4A	4A	4A	
Rated voltage	60V	30V	60V	
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ	
Insulation resistance	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC	



Angled connector with
moulded cable, M8 locking nut
and male contacts

4

Crimped

Locknut M8 x 1

CuZn Nickel plated

TPU

PA + 30%GF

Nickel + Au

CuZn

IP 67

when correctly assembled

- 20°C / + 80°C

4A

30V

≤ 5 mΩ

≥ 100 MΩ 500 VDC

Straight connector with
moulded cable, M8 locking nut
and male contacts SNAP version

3

Crimped

Locknut M8 x 1

CuZn Nickel plated

TPU

PA + 30%GF

Nickel + Au

CuZn

IP 67

when correctly assembled

- 20°C / + 80°C

4A

60V

≤ 5 mΩ

≥ 100 MΩ 500 VDC

Straight connector with
moulded cable, M8 locking nut
and male contacts SNAP version

4

Crimped

Locknut M8 x 1

CuZn Nickel plated

TPU

PA + 30%GF

Nickel + Au

CuZn

IP 67

when correctly assembled

- 20°C / + 80°C

4A

60V

≤ 5 mΩ

≥ 100 MΩ 500 VDC

Angled connector with
moulded cable, M8 locking nut
and male contacts SNAP version

3

Crimped

Locknut M8 x 1

CuZn Nickel plated

TPU

PA + 30%GF

Nickel + Au

CuZn

IP 67

when correctly assembled

- 20°C / + 80°C

4A

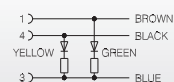
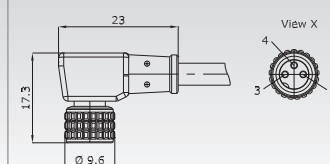
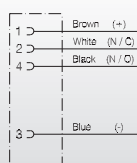
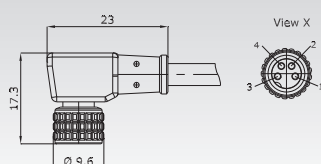
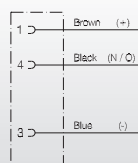
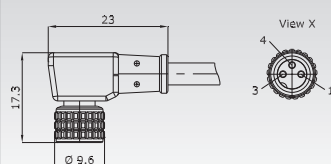
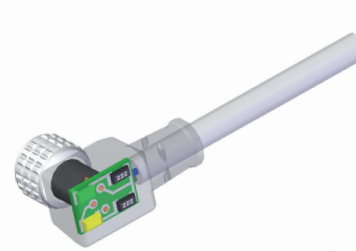
30V

≤ 5 mΩ

≥ 100 MΩ 500 VDC



Standard			
Product description	Angled connector with moulded cable, M8 locking nut and male contacts SNAP version	Straight connector with moulded cable, M8 locking nut and female contacts	Straight connector with moulded cable, M8 locking nut and female contacts
Technical data			
Number of contacts	4	3	4
Locking system	Crimped	Crimped	Crimped
Mounting	Locknut M8 x 1	Locknut M8 x 1	Locknut M8 x 1
Coupling nut material	CuZn Nickel plated	CuZn Nickel plated	CuZn Nickel plated
O-ring		Viton	Viton
Housing material	TPU	TPU	TPU
Contact holder material	PA + 30%GF	PA + 30%GF	PA + 30%GF
Contact surface	Nickel + Au	Nickel + Au	Nickel + Au
Contact material	CuZn	CuSn	CuSn
Protection class	IP 67 when correctly assembled	IP 67 when correctly assembled	IP 67 when correctly assembled
Temperature Range	- 20°C / + 80°C	- 20°C / + 80°C	- 20°C / + 80°C
Rated current	4A	4A	4A
Rated voltage	30V	60V	30V
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC



Angled connector with
moulded cable, M8 locking nut
and female contacts

3

Crimped

Locknut M8 x 1

CuZn Nickel plated

Viton

TPU

PA + 30%GF

Nickel + Au

CuSn

IP 67

when correctly assembled

- 20°C / + 80°C

4A

60V

≤ 5 mΩ

≥ 100 MΩ 500 VDC

Angled connector with
moulded cable, M8 locking nut
and female contacts

4

Crimped

Locknut M8 x 1

CuZn Nickel plated

Viton

TPU

PA + 30%GF

Nickel + Au

CuSn

IP 67

when correctly assembled

- 20°C / + 80°C

4A

30V

≤ 5 mΩ

≥ 100 MΩ 500 VDC

Angled connector with
moulded cable, M8 locking nut
and female contacts LED version

3

Crimped

Locknut M8 x 1

CuZn Nickel plated

Viton

TPU

PA + 30%GF

Nickel + Au

CuSn

IP 67

when correctly assembled

- 20°C / + 80°C

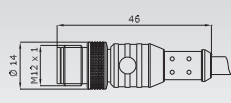
4A

10/30 V

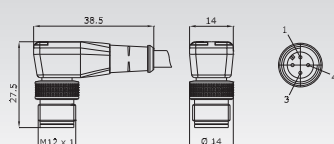
≤ 5 mΩ



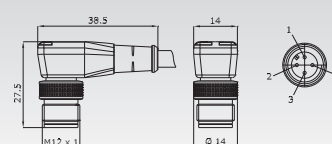
Standard				
Product description	Straight connector with moulded cable, M12 locking nut and male contacts			
Technical data				
Number of contacts	3	4	5	
Locking system	Crimped	Crimped	Crimped	
Mounting	Locknut M12 x 1	Locknut M12 x 1	Locknut M12 x 1	
Coupling nut material	CuZn Nickel plated	CuZn Nickel plated	CuZn Nickel plated	
O-ring				
Housing material	TPU	TPU	TPU	
Contact holder material	PA + 30%GF	PA + 30%GF	PA + 30%GF	
Contact surface	Nickel + Au	Nickel + Au	Nickel + Au	
Contact material	CuZn	CuZn	CuZn	
Protection class	IP 67 when correctly assembled	IP 67 when correctly assembled	IP 67 when correctly assembled	
Temperature Range	- 20°C / + 80°C	- 20°C / + 80°C	- 20°C / + 80°C	
Rated current	4A	4A	4A	
Rated voltage	250 V AC	250 V AC	60 V AC/DC	
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ	
Insulation resistance	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC	



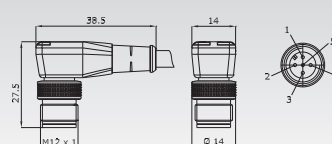
1	White
2	Brown
3	Green
4	Yellow
5	Grey
6	Pink
7	Blue
8	Red



1	Brown (+)
4	Black (N/O)
3	Blue (-)



1	Brown (+)
2	White (N/C)
4	Black (N/O)
3	Blue (-)



1	Brown (+)
2	White (N/C)
4	Black (N/O)
3	Blue (-)
5	Grey

Straight connector with
moulded cable, M12 locking nut
and male contacts

8

Crimped

Locknut M12 x 1

CuZn Nickel plated

TPU

PA + 30%GF

Nickel + Au

CuZn

IP 67

when correctly assembled

- 20°C / + 80°C

2A

30 V AC

≤ 5 mΩ

≥ 100 MΩ 500 VDC

Angled connector with
moulded cable, M12 locking nut
and male contacts

3

Crimped

Locknut M12 x 1

CuZn Nickel plated

TPU

PA + 30%GF

Nickel + Au

CuZn

IP 67

when correctly assembled

- 20°C / + 80°C

4A

250 V AC

≤ 5 mΩ

≥ 100 MΩ 500 VDC

Angled connector with
moulded cable, M12 locking nut
and male contacts

4

Crimped

Locknut M12 x 1

CuZn Nickel plated

TPU

PA + 30%GF

Nickel + Au

CuZn

IP 67

when correctly assembled

- 20°C / + 80°C

4A

250 V AC

≤ 5 mΩ

≥ 100 MΩ 500 VDC

Angled connector with
moulded cable, M12 locking nut
and male contacts

5

Crimped

Locknut M12 x 1

CuZn Nickel plated

TPU

PA + 30%GF

Nickel + Au

CuZn

IP 67

when correctly assembled

- 20°C / + 80°C

4A

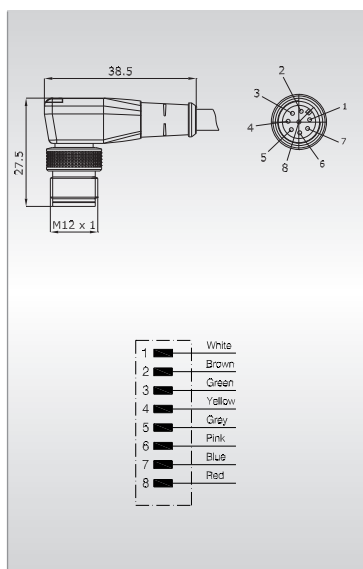
60 V AC/DC

≤ 5 mΩ

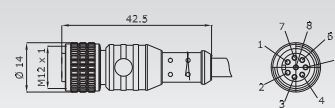
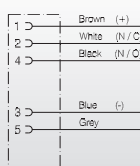
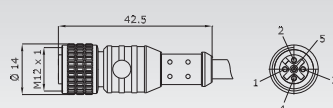
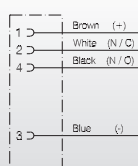
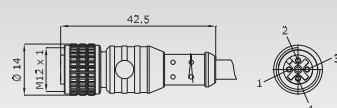
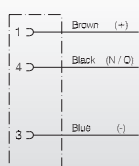
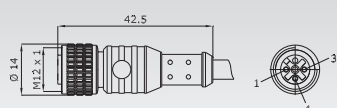
≥ 100 MΩ 500 VDC



For optionals see page 19



Standard	
Product description	Angled connector with moulded cable, M12 locking nut and male contacts
Technical data	
Number of contacts	8
Locking system	Crimped
Mounting	Locknut M12 x 1
Coupling nut material	CuZn Nickel plated
O-ring	
Housing material	TPU
Contact holder material	PA + 30%GF
Contact surface	Nickel + Au
Contact material	CuZn
Protection class	IP 67 when correctly assembled
Temperature Range	- 20°C / + 80°C
Rated current	2A
Rated voltage	30 V AC/DC
Contact resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ 500 VDC



Straight connector with
moulded cable, M12 locking nut
and female contacts

3

Crimped

Locknut M12 x 1

CuZn Nickel plated

Viton

TPU

PA + 30%GF

Nickel + Au

CuSn

IP 67

when correctly assembled

- 20°C / + 80°C

4A

250 V AC

≤ 5 mΩ

≥ 100 MΩ 500 VDC

Straight connector with
moulded cable, M12 locking nut
and female contacts

4

Crimped

Locknut M12 x 1

CuZn Nickel plated

Viton

TPU

PA + 30%GF

Nickel + Au

CuSn

IP 67

when correctly assembled

- 20°C / + 80°C

4A

250 V AC

≤ 5 mΩ

≥ 100 MΩ 500 VDC

Straight connector with
moulded cable, M12 locking nut
and female contacts

5

Crimped

Locknut M12 x 1

CuZn Nickel plated

Viton

TPU

PA + 30%GF

Nickel + Au

CuSn

IP 67

when correctly assembled

- 20°C / + 80°C

4A

60 V

≤ 5 mΩ

≥ 100 MΩ 500 VDC

Straight connector with
moulded cable, M12 locking nut
and female contacts

8

Crimped

Locknut M12 x 1

CuZn Nickel plated

Viton

TPU

PA + 30%GF

Nickel + Au

CuSn

IP 67

when correctly assembled

- 20°C / + 80°C

2A

30 V AC

≤ 5 mΩ

≥ 100 MΩ 500 VDC

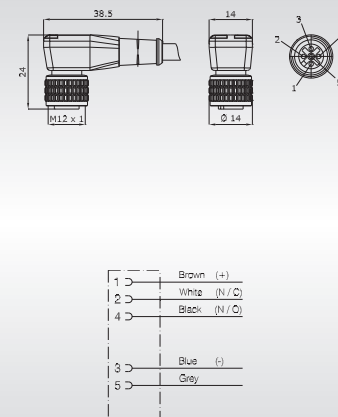
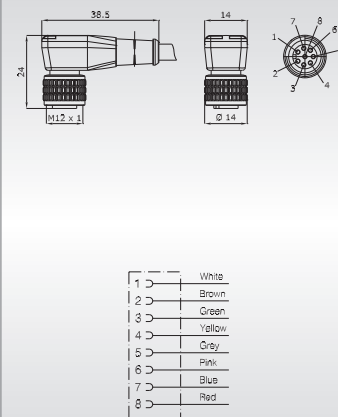


For optionals see page 19



Standard			
Product description	Angled connector with moulded cable, M12 locking nut and female contacts	Angled connector with moulded cable, M12 locking nut and female contacts	
Technical data			
Number of contacts	3	4	
Locking system	Crimped	Crimped	
Mounting	Locknut M12 x 1	Locknut M12 x 1	
Coupling nut material	CuZn Nickel plated	CuZn Nickel plated	
O-ring	Viton	Viton	
Housing material	TPU	TPU	
Contact holder material	PA + 30%GF	PA + 30%GF	
Contact surface	Nickel + Au	Nickel + Au	
Contact material	CuSn	CuSn	
Protection class	IP 67 when correctly assembled	IP 67 when correctly assembled	
Temperature Range	- 20°C / + 80°C	- 20°C / + 80°C	
Rated current	4A	4A	
Rated voltage	250 V AC	250 V AC	
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	
Insulation resistance	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC	



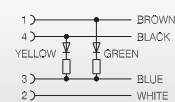
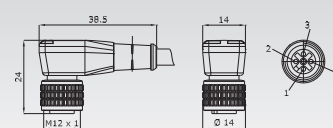
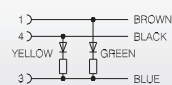
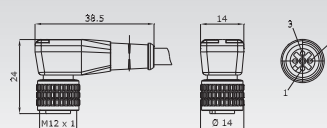
	
Angled connector with moulded cable, M12 locking nut and female contacts	Angled connector with moulded cable, M12 locking nut and female contacts
5	8
Crimped	Crimped
Locknut M12 x 1	Locknut M12 x 1
CuZn Nickel plated	CuZn Nickel plated
Viton	Viton
TPU	TPU
PA + 30%GF	PA + 30%GF
Nickel + Au	Nickel + Au
CuSn	CuSn
IP 67	IP 67
when correctly assembled	when correctly assembled
- 20°C / + 80°C	- 20°C / + 80°C
4A	2A
60 V AC/DC	30 V AC
≤ 5 mΩ	≤ 5 mΩ
≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC



For optionals see page 19



Standard			
Product description	Straight connector with moulded cable, M12 locking nut and female contacts. LED Version		
Technical data			
Number of contacts	3	4	
Locking system	Crimped	Crimped	
Mounting	Locknut M12 x 1	Locknut M12 x 1	
Coupling nut material	CuZn Nickel plated	CuZn Nickel plated	
O-ring	Viton	Viton	
Housing material	TPU	TPU	
Contact holder material	PA + 30%GF	PA + 30%GF	
Contact surface	Nickel + Au	Nickel + Au	
Contact material	CuSn	CuSn	
Protection class	IP 67 when correctly assembled	IP 67 when correctly assembled	
Temperature Range	- 20°C / + 80°C	- 20°C / + 80°C	
Rated current	4A	4A	
Rated voltage	10/30 V AC/DC	10/30 V AC/DC	
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	
Insulation resistance			



Angled connector with moulded cable, M12 locking nut and female contacts. LED Version

3
Crimped
Locknut M12 x 1
CuZn Nickel plated
Viton
TPU
PA + 30%GF
Nickel + Au
CuSn
IP 67
when correctly assembled
- 20°C / + 80°C
4A
10/30 V AC
≤ 5 mΩ

4
Crimped
Locknut M12 x 1
CuZn Nickel plated
Viton
TPU
PA + 30%GF
Nickel + Au
CuSn
IP 67
when correctly assembled
- 20°C / + 80°C
4A
10/30 V AC
≤ 5 mΩ

ORDERING KEY TABLE

1CONNECTORS

A M12 Male 180°
B M12 Male 90°
C M12 Female 180°
D M12 Female 90°
E M12 Female 180° "PNP" 2 LED
F M12 Female 90° "PNP" 2 LED
I M8 Male 90° Turning ring nut
L M8 Male 180° Turning ring nut
M M8 Male 180° SNAP
N M8 Female 180°
P M8 Female 90°
Q M8 Male 90° SNAP
R M8 Female 180° SNAP
S M8 Female 90° SNAP
T M8 Female 90° "PNP" 2 LED

- Standard
S Shielded
I Inox
X Inox/Shielded

2POLES

3 3 POLES
4 4 POLES
5 5 POLES
8 8 POLES

4CONNECTOR COLOR

0 Transparent
1 Grey
2 Blue
3 Black
4 Orange

6CABLE STANDARD LENGHT

010 0,1 mt 700 7 mt
200 2 mt Xn0 1n mt
300 3 mt Yn0 2n mt
500 5mt Zn0 3n mt

for example: 11,5 mt = X15
22,0 mt = Y20

7PACKAGING

M Standard
B Simple packaging

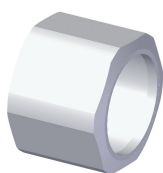
C S - 1 2 3 4 - 5 6 7

5CABLE TYPE

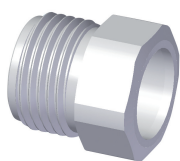
01A PVC / PVC CEI 20-22 0,14 mmq - (18 x 0,1) 2,7 mm grey RAL7035 M8/M12
01B PVC / PVC CEI 20-22 0,25 mmq - (32 x 0,1) 4,2 mm grey RAL7035 M8/M12
01C PVC / PVC CEI 20-22 0,25 mmq - (32 x 0,1) 5,0 mm grey RAL7035 M12
01E PVC / PVC CEI 20-22 0,25 mmq - (32 x 0,1) 5,0 mm black M12
01N PVC / PVC CEI 20-22 0,25 mmq - (32 x 0,1) 5,0 mm black M12
30C PVC / PVC CEI 20-22 0,25 mmq - (32 x 0,1) 5,6 mm grey RAL7035 M12
30E PVC / PVC CEI 20-22 0,25 mmq - (32 x 0,1) 5,6 mm black M12
01D PVC / PVC CEI 20-22 0,34 mmq - (42 x 0,1) 5,0 mm grey RAL7035 M12
01F PVC / PVC CEI 20-22 0,34 mmq - (42 x 0,1) 5,0 mm black M12
01G PVC / PVC CEI 20-22 0,50 mmq - (15 x 0,2) 5,0 mm grey RAL7035 M12
30S PVC / SHIELDED / PVC CEI 20-22 0,25 mmq - (32 x 0,1) 5,6 mm black M12
01S PVC / SHIELDED / PVC CEI 20-22 0,34 mmq - (42 x 0,1) 5,0 mm grey RAL7035 M12
02A PUR / PVC CEI 20-11 0,25 mmq - (32 x 0,1) 4,2 mm black M8/M12
02C PUR / PVC CEI 20-11 0,25 mmq - (32 x 0,1) 5,0 mm black M12
30A PUR / PVC CEI 20-11 0,25 mmq - (32 x 0,1) 5,6 mm black M12
02B PUR / PVC CEI 20-11 0,34 mmq - (42 x 0,1) 5,0 mm black M12
02D PUR / PVC CEI 20-11 0,34 mmq - (180 x 0,05) 5,0 mm black M12
02E PUR / PVC CEI 20-11 0,75 mmq - (42 x 0,15) 5,3 mm black M12
02F PUR / PVC CEI 20-11 0,75 mmq - (42 x 0,15) 6,2 mm black M12
20S PUR / SHIELDED / PVC CEI 20-22 0,25 mmq - (32 x 0,1) 6,0 mm black M12
02S PUR / SHIELDED / PVC CEI 20-22 0,34 mmq - (42 x 0,1) 5,0 mm black M12

For extra-standard requests please contact **INDgroup**

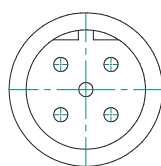
CS SERIES OPTIONS



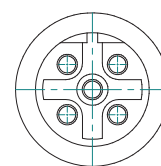
M12 FEMALE INOX NUT



M12 MALE INOX NUT



M12 MALE "B" CODING



M12 MALE "B" CODING

NOTES

[illegible]

NOTES

[illegible]



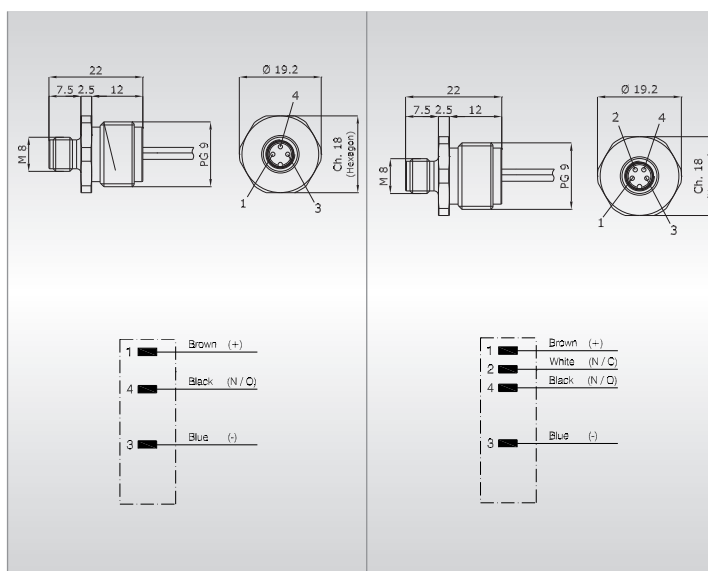
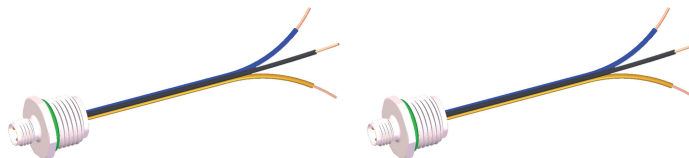
A technical drawing of a panel connector, showing a top view and a side view. The top view is a hexagon with a central circular feature and six radial slots. Dimensions include a hexagonal outer diameter of 18mm, a central hole diameter of 12.7mm, and a hexagonal inner diameter of 19.2mm. The side view shows a rectangular profile with a height of 12.7mm and a width of 18mm. Various callouts and dimensions are present, including 26.8, 20.8, 1, 18, 12.7, 19.2, 0.8, 3, 4, 5, 6, 7, and 8. The text 'CP SERIES' and 'connettori da pannello' is overlaid on the drawing.

CP SERIES

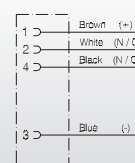
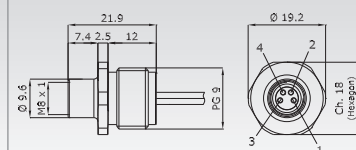
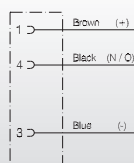
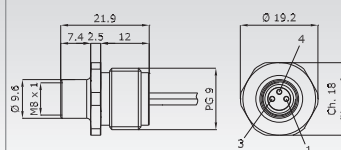
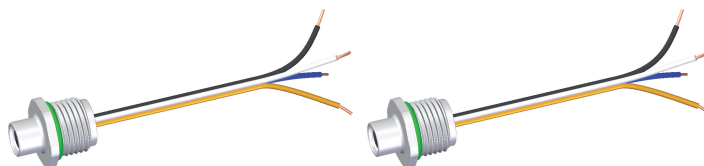
connettori da pannello

front M8
front + back M12

pages 22 -31



Standard		
Product description	M8 connector with wire ends, front mounting, male contacts	M8 connector with wire ends, front mounting, male contacts
Technical data		
Number of contacts	3	4
Termination	Crimped	Crimped
Mounting	Panel nut (not included)	Panel nut (not included)
Housing material	CuZn Nickel plated	CuZn Nickel plated
Contact holder material	PA 6 30% GF	PA 6 30% GF
Contact surface	CuZn Nickel + Au	CuZn Nickel + Au
Contact material		
Protection class	IP 67 when correctly assembled	IP 67 when correctly assembled
Temperature Range	- 25°C / + 80°C	- 25°C / + 80°C
Rated current	4A	4A
Rated voltage	60V AC/DC	30V AC/DC
Contact resistance	≤ 5 mΩ	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC



M8 connector with wire ends, front mounting, female contacts

3

Crimped

Panel nut (not included)

CuZn Nickel plated

PA 6 30% GF

CuSn Nickel + Au

IP 67
when correctly assembled

- 25°C / + 80°C

4A

60V

≤ 5 mΩ

≥ 100 MΩ 500 VDC

4

Crimped

Panel nut (not included)

CuZn Nickel plated

PA

CuSn Nickel + Au

IP 67
when correctly assembled

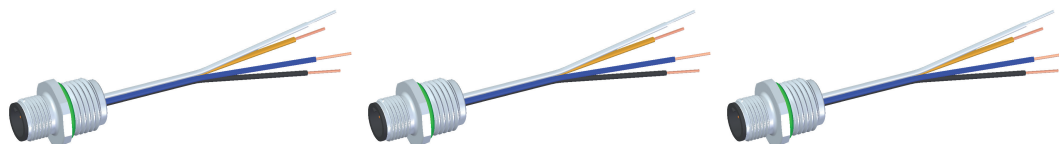
- 25°C / + 80°C

4A

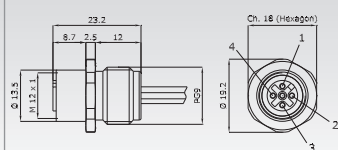
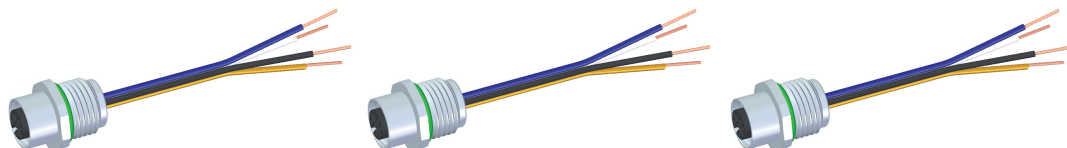
60V

≤ 5 mΩ

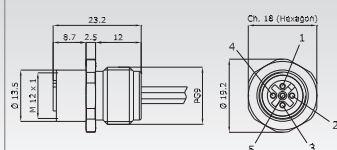
≥ 100 MΩ 500 VDC



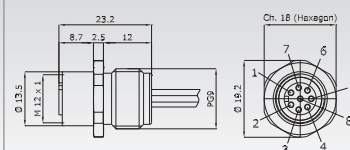
Standard			
Product description	M12 connector with wire ends, front mounting, male contacts	M12 connector with wire ends, front mounting, male contacts	M12 connector with wire ends, front mounting, male contacts
Technical data			
Number of contacts	4	5	8
Termination	Crimped	Crimped	Crimped
Mounting	Panel nut (not included)	Panel nut (not included)	Panel nut (not included)
Housing material	CuZn Nickel plated	CuZn Nickel plated	CuZn Nickel plated
Contact holder material	PA 6 30% GF	PA 6 30% GF	PA 6 30% GF
Contact surface	CuZn Nickel + Au	CuZn Nickel + Au	CuZn Nickel + Au
Contact material			
Protection class	IP 67 when correctly assembled	IP 67 when correctly assembled	IP 67 when correctly assembled
Temperature Range	- 25°C / + 80°C	- 25°C / + 80°C	- 25°C / + 80°C
Rated current	4A	4A	1,5 A
Rated voltage	60V	60V	30V
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC



1	Brown (+)
2	White (N / C)
4	Black (N / C)
3	Blue (-)



1	Brown (+)
2	White (N / C)
4	Black (N / C)
3	Blue (-)
5	Grey



1	White
2	Brown
3	Green
4	Yellow
5	Grey
6	Pink
7	Blue
8	Red

M12 connector with wire ends,
front mounting, female contacts

4

Crimped

Panel nut (not included)

CuZn Nickel plated

PA

CuSn Nickel + Au

IP 67

when correctly assembled

- 25°C / + 80°C

4A

60V

≤ 5 mΩ

≥ 100 MΩ 500 VDC

M12 connector with wire ends,
front mounting, female contacts

5

Crimped

Panel nut (not included)

CuZn Nickel plated

PA

CuSn Nickel + Au

IP 67

when correctly assembled

- 25°C / + 80°C

4A

60V

≤ 5 mΩ

≥ 100 MΩ 500 VDC

M12 connector with wire ends,
front mounting, female contacts

8

Crimped

Panel nut (not included)

CuZn Nickel + Au Nickel plated

PA

CuSn Nickel + Au

IP 67

when correctly assembled

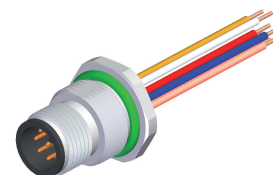
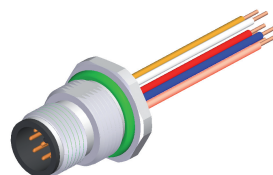
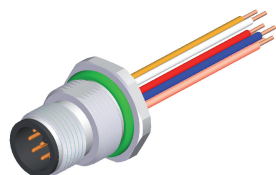
- 25°C / + 80°C

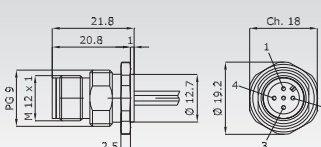
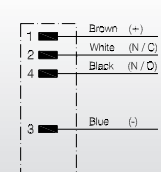
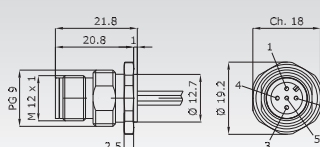
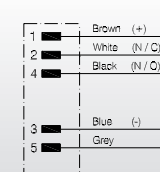
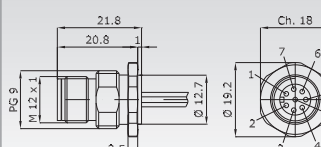
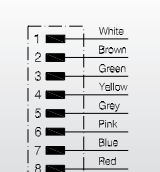
2A

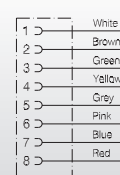
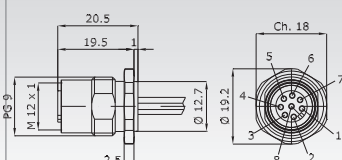
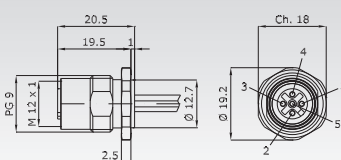
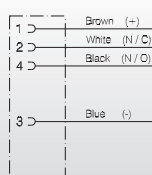
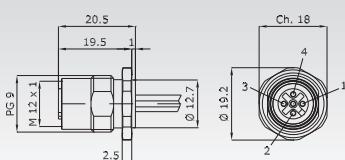
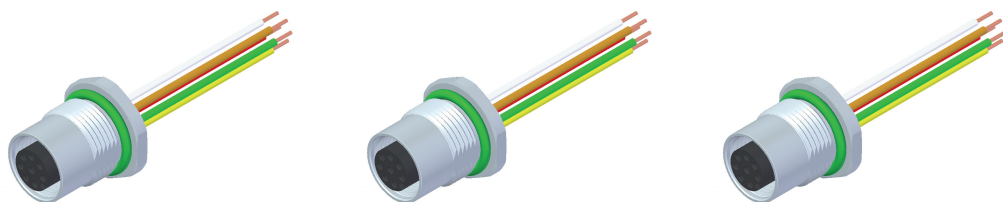
30V

≤ 5 mΩ

≥ 100 MΩ 500 VDC



	 	 	 
Standard			
Product description	M12 connector with wire ends, rear mounting, male contacts	M12 connector with wire ends, rear mounting, male contacts	M12 connector with wire ends, rear mounting, male contacts
Technical data			
Number of contacts	4	5	8
Termination	Crimped	Crimped	Crimped
Mounting	Panel nut (not included)	Panel nut (not included)	Panel nut (not included)
Housing material	CuZn Nickel plated	CuZn Nickel plated	CuZn Nickel plated
Contact holder material	PA	PA	PA
Contact surface	Nickel + Au	Nickel + Au	Nickel + Au
Contact material	CuZn	CuZn	CuSn
Protection class	IP 67 when correctly assembled	IP 67 when correctly assembled	IP 67 when correctly assembled
Temperature Range	- 25°C / + 80°C	- 25°C / + 80°C	- 25°C / + 80°C
Rated current	4A	4A	2A
Rated voltage	60V	60V	30V
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC



M12 connector with wire ends,
rear mounting, female contacts

M12 connector with wire ends,
rear mounting, female contacts

M12 connector with wire ends,
rear mounting, female contacts

4

5

8

Crimped

Crimped

Crimped

Panel nut (not included)

Panel nut (not included)

Panel nut (not included)

CuZn Nickel plated

CuZn Nickel plated

CuZn Nickel plated

PA 6 30% GF

PA 6 30% GF

PA 6 30% GF

Nickel + Au

Nickel + Au

Nickel + Au

CuSn

CuSn

CuSn

IP 67

IP 67

IP 67

when correctly assembled

when correctly assembled

when correctly assembled

- 25°C / + 80°C

- 25°C / + 80°C

- 25°C / + 80°C

4A

4A

2A

60V

60V

30V

≤ 5 mΩ

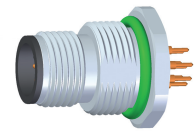
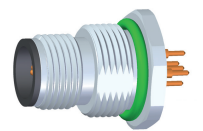
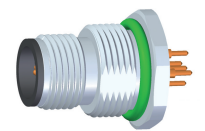
≤ 5 mΩ

≤ 5 mΩ

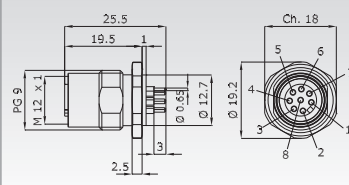
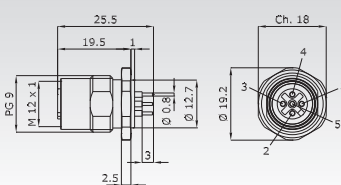
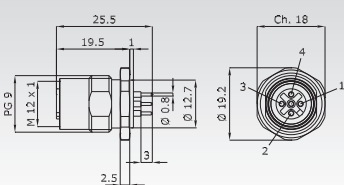
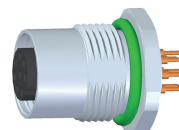
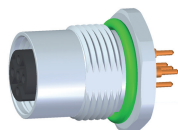
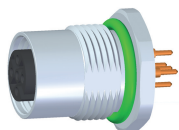
≥ 100 MΩ 500 VDC

≥ 100 MΩ 500 VDC

≥ 100 MΩ 500 VDC



Standard				
Product description	M12 male connector for rear mounting, PCB contacts, side thread PG9	M12 male connector for rear mounting, PCB contacts, side thread PG9	M12 male connector for rear mounting, PCB contacts, side thread PG9	
Technical data				
Number of contacts	4	5	8	
Termination				
Mounting				
Housing material	CuZn Nickel plated	CuZn Nickel plated	CuZn Nickel plated	
Contact holder material	PA	PA	PA	
Contact surface	Nickel + Au	Nickel + Au	Nickel + Au	
Contact material	CuZn	CuZn	CuZn	
Protection class	IP 67 when correctly assembled	IP 67 when correctly assembled	IP 67 when correctly assembled	
Temperature Range	- 25°C / + 80°C	- 25°C / + 80°C	- 25°C / + 80°C	
Rated current	4A	4A	2A	
Rated voltage	60V	60V	30V	
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ	
Insulation resistance	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC	



M12 female connector for
rear mounting, PCB contacts,
side thread PG9

4

CuZn Nickel plated

PA

Nickel + Au

CuSn

IP 67
when correctly assembled

- 25°C / + 80°C

4A

60V

≤ 5 mΩ

≥ 100 MΩ 500 VDC

M12 female connector for
rear mounting, PCB contacts,
side thread PG9

5

CuZn Nickel plated

PA

Nickel + Au

CuSn

IP 67
when correctly assembled

- 25°C / + 80°C

4A

60V

≤ 5 mΩ

≥ 100 MΩ 500 VDC

M12 female connector for
rear mounting, PCB contacts,
side thread PG9

8

CuZn Nickel plated

PA

Nickel + Au

CuSn

IP 67
when correctly assembled

- 25°C / + 80°C

2A

30V

≤ 5 mΩ

≥ 100 MΩ 500 VDC

ORDERING KEY TABLE

1 CONNECTORS

A	M12 Male FRONT
B	M12 Female FRONT
C	M12 Male REAR
D	M12 Female REAR
P	M8 Male FRONT
Q	M8 Female FRONT

2 POLES

M8:	
3	3 POLES
4	4 POLES
M12:	
3	3 POLES
4	4 POLES
5	5 POLES
7	7 POLES
8	8 POLES

3 SECOND SIDE WORKING

0	STANDARD (Wires cutted)
---	-------------------------

4 BODY MATERIAL

A	Black Plastic Body
B	Nickel Body

C	P	-	1	2	3	4	5		6	7
---	---	---	---	---	---	---	---	--	---	---

5 CABLE TYPE

00A	Conductor AWG24 - sect. 0.25 mmq
00B	Conductor AWG22 - sect. 0.34 mmq
00C	Conductor - sect. 0.50 mmq
PCB	Printed Circuit Board

6 CABLE STANDARD LENGHT

010	10 cm
015	15 cm
020	20 cm
050	50 cm
---	PCB

7 PACKAGING

M	Standard
---	----------

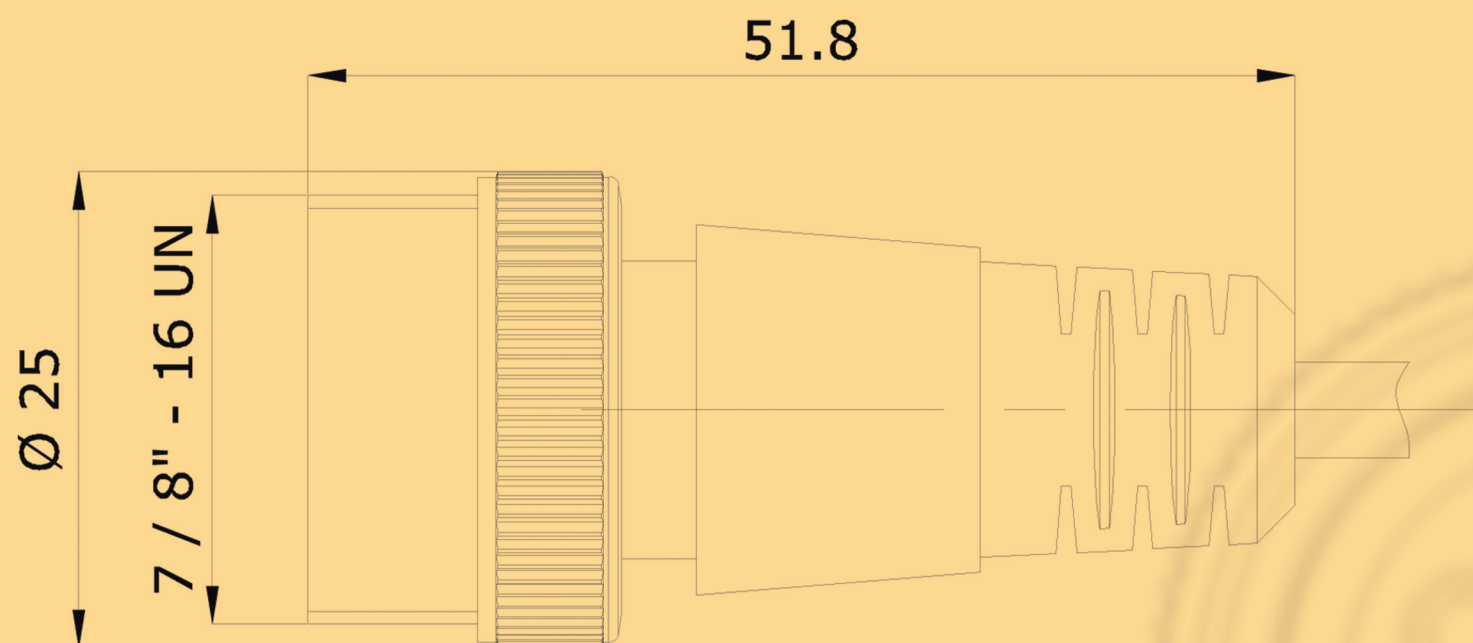
For extra-standard requests please contact **INDgroup**

CP SERIES OPTIONS

M8 CONNECTOR FOR FRONT MOUNTING:	HOUSING MATERIAL ALSO AVAILABLE IN PLASTIC.
M12 CONNECTOR FOR FRONT MOUNTING:	HOUSING MATERIAL ALSO AVAILABLE IN PLASTIC.
M12 CONNECTOR PCB FOR BACK MOUNTING:	TERMINATION ARE NOT CRIMPED.

NOTES

NOTES

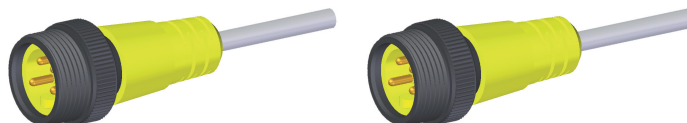


MC SERIES

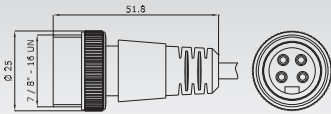
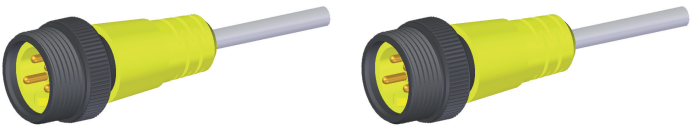
connettori 7/8"

male
female

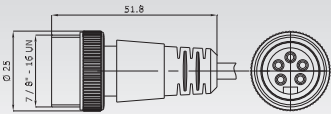
pages 34-39



Standard			
Product description	7/8" male connector with self-locking threaded joint and moulded cable	7/8" male connector with self-locking threaded joint and moulded cable	
Technical data			
Number of contacts	2	3	
Termination	Crimped	Crimped	
Mounting	Lock Nut 7/8 NU 16	Lock Nut 7/8 NU 16	
Coupling nut material	Aluminium	Aluminium	
Housing material	TPU	TPU	
Contact holder material	PA + 30%GF	PA + 30%GF	
Contact surface	Nickel + Au	Nickel + Au	
Contact material	CuZn	CuZn	
Protection class	IP 67 when correctly assembled	IP 67 when correctly assembled	
Temperature Range	- 20°C / + 80 °C	- 20°C / + 80 °C	
Rated current	12 A max.	12 A max.	
Rated voltage	250 V AC/DC	250 V AC/DC	
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	
Insulation resistance	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC	



1	Brown (+)
2	White (N / G)
3	Blue (-)
4	Black (N / O)



1	Black (N / O)
2	Blue (-)
3	Yellow/Green
4	Brown (+)
5	White (N / G)

7/8" male connector with
self-locking threaded joint
and moulded cable

4

Crimped

Lock Nut 7/8 NU 16

Aluminium

TPU

PA + 30%GF

Nickel + Au

CuZn

IP 67 when correctly assembled

- 20°C / + 80 °C

9 A max.

250 V AC/DC

≤ 5 mΩ

≥ 100 MΩ 500 VDC

7/8" male connector with
self-locking threaded joint
and moulded cable

5

Crimped

Lock Nut 7/8 NU 16

Aluminium

TPU

PA + 30%GF

Nickel + Au

CuZn

IP 67 when correctly assembled

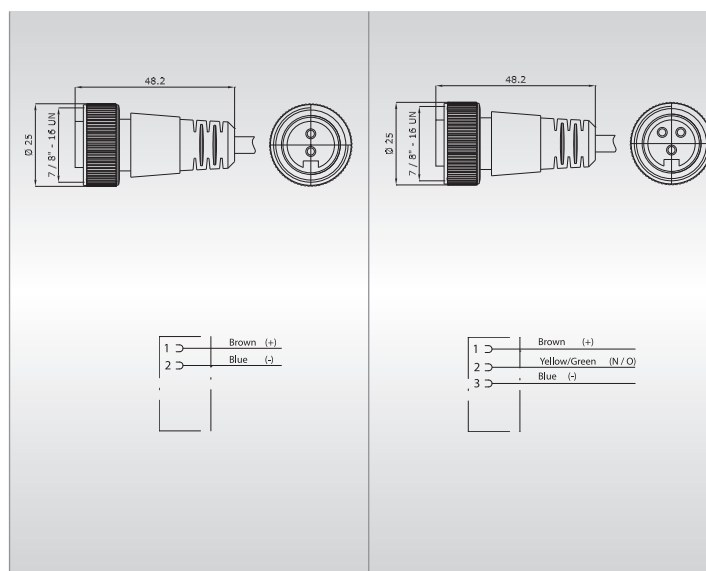
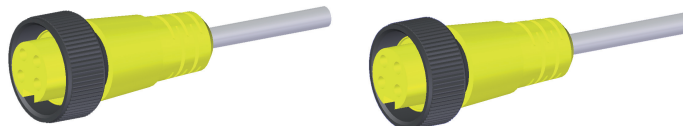
- 20°C / + 80 °C

9 A max.

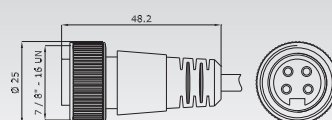
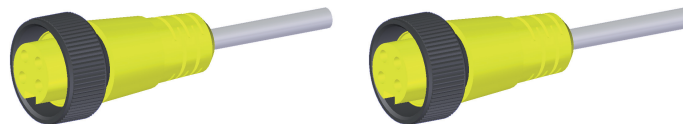
250 V AC/DC

≤ 5 mΩ

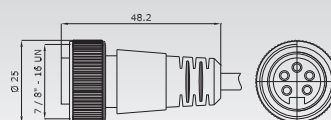
≥ 100 MΩ 500 VDC



Standard		
Product description	7/8" female connector with self-locking threaded joint and moulded cable	7/8" female connector with self-locking threaded joint and moulded cable
Technical data		
Number of contacts	2	3
Termination	Crimped	Crimped
Mounting	Lock Nut 7/8 NU 16	Lock Nut 7/8 NU 16
Coupling nut material	Aluminium	Aluminium
Housing material	TPU	TPU
Contact holder material	PA + 30%GF	PA + 30%GF
Contact surface	Nickel + Au	Nickel + Au
Contact material	CuSn	CuSn
Protection class	IP 67 when correctly assembled	IP 67 when correctly assembled
Temperature Range	- 20°C / + 80 °C	- 20°C / + 80 °C
Rated current	12 A max.	12 A max.
Rated voltage	250 V AC/DC	250 V AC/DC
Contact resistance	≤ 5 mΩ	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC



1	Brown (+)
2	White (N / C)
3	Blue (-)
4	Black (N / O)



1	Black (N / O)
2	Blue (-)
3	Yellow/Green
4	Brown (+)
5	White (N / C)

7/8" female connector with self-locking threaded joint and moulded cable

4

Crimped

Lock Nut 7/8 NU 16

Aluminium

TPU

PA + 30%GF

Nickel + Au

CuSn

IP 67 when correctly assembled

- 20°C / + 80 °C

9 A max.

250 V AC/DC

≤ 5 mΩ

≥ 100 MΩ 500 VDC

7/8" female connector with self-locking threaded joint and moulded cable

5

Crimped

Lock Nut 7/8 NU 16

Aluminium

TPU

PA + 30%GF

Nickel + Au

CuSn

IP 67 when correctly assembled

- 20°C / + 80 °C

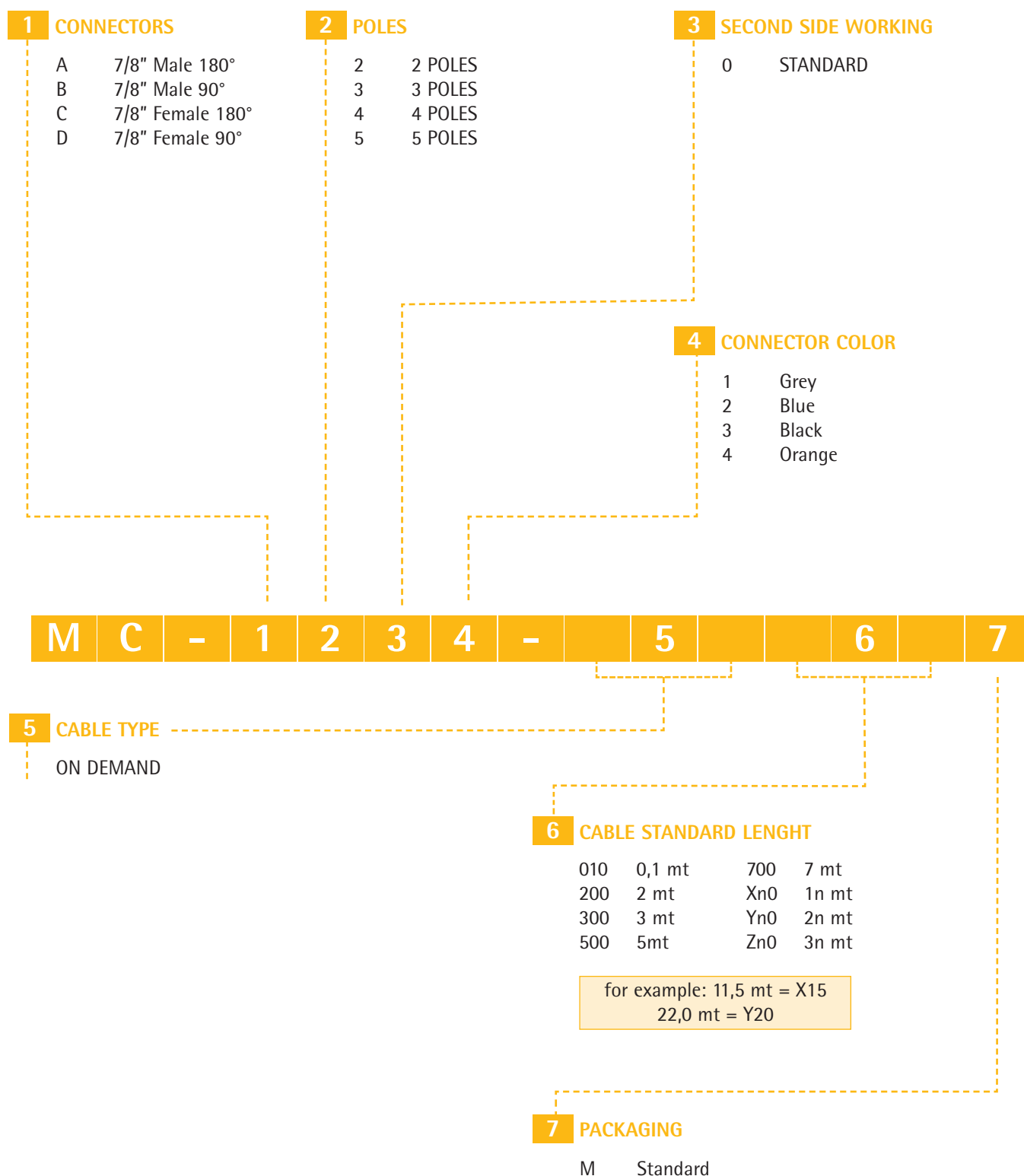
9 A max.

250 V AC

≤ 5 mΩ

≥ 100 MΩ 500 VDC

ORDERING KEY TABLE



For extra-standard requests please contact **INDgroup**

NOTES

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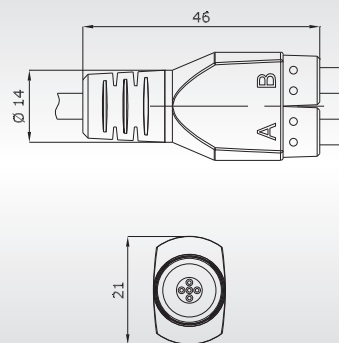
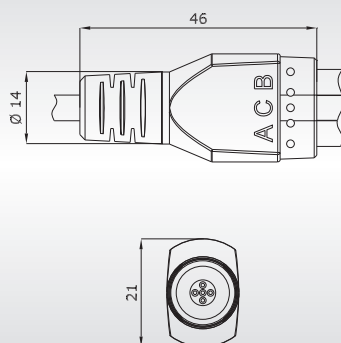
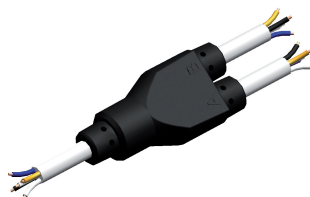
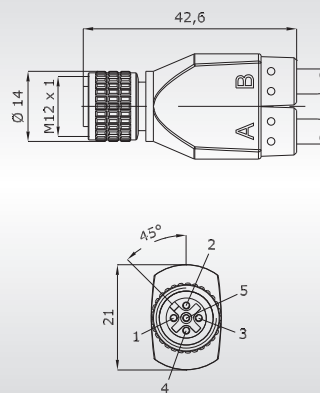
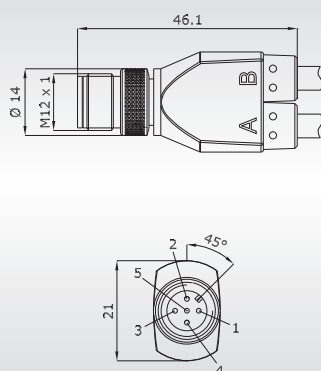
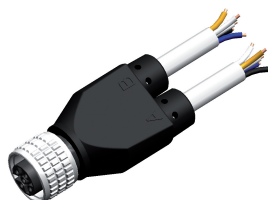
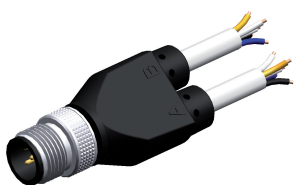
Technical drawing of a 2-way connection cable. The drawing includes a top view of the cable head with five circular ports arranged in a cross pattern. Callouts 1, 3, 4, and 5 point to different features: 1 points to the outer shell, 3 points to the central port, 4 points to the side of the cable body, and 5 points to the top of the cable head. Dimensions are provided: 21 for the height of the cable head and 46.1 for the length of the cable body. The text 'Y SERIES' and 'cavi di connessione a 2 vie' is overlaid on the drawing.

Y SERIES

cavi di connessione a 2 vie

M12 < $\begin{matrix} \text{M8} \\ \text{M12} \end{matrix}$

pages 42-43



Y SERIES OPTIONS

WE ASSEMBLED YOUR 2 and 3-WAY CONNECTION CABLES AS YOU NEED:

- M12 exit
- M8 exit
- Both M12/M8 exit
- Cable only

NOTES

NOTES

17.3

Ø 9.6

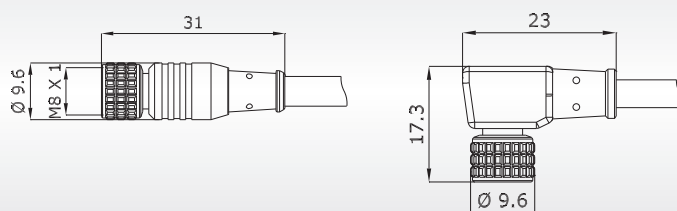
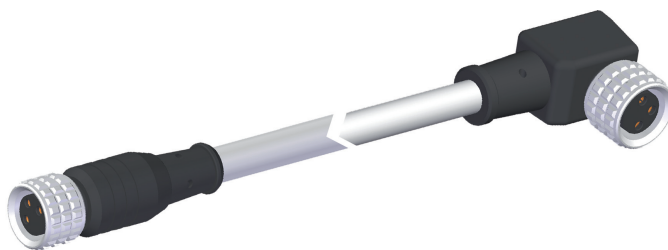
46

RS SERIES

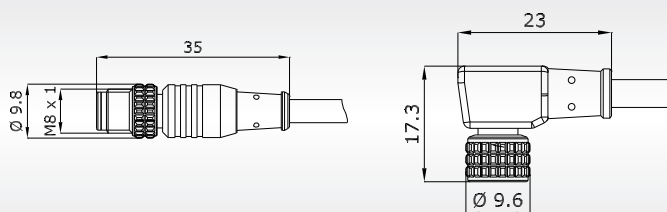
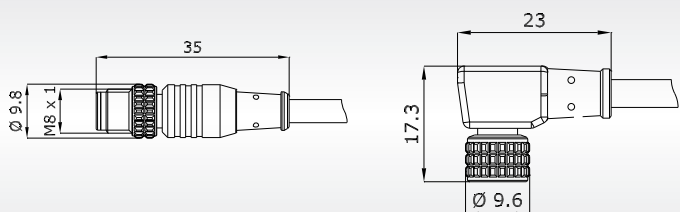
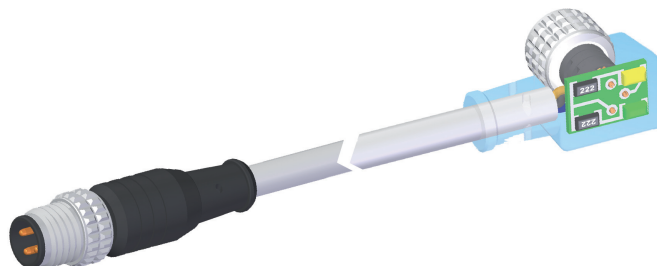
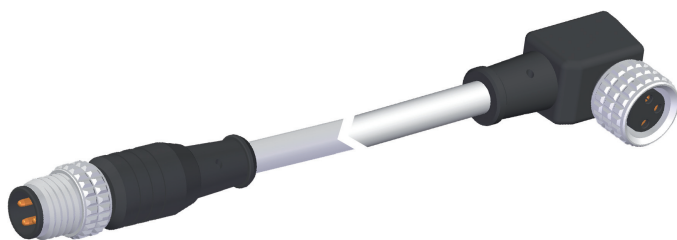
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M8 > M12
M12 > M8

pages 46-51



Product description	M8 extension cable with lock nut female straight and female right angled version.
Technical data	
Number Of Contacts	3 or 4
Locking System	Crimped
Mounting	Lock Nut M8 x 1
Coupling Nut Material	CuZn nickel plated
O-Ring	Viton
Housing Material	TPU
Contact Holder Material	PA + 30% GF
Contact Surface	Nickel+Au
Contact Material	CuSn
Protection Class	IP 67 when correctly assembled
Temperature Range	- 20°C / + 80°C
Rated Current	4A
Rated Voltage	60V AC/DC
Contact Resistance	≤ 5 mΩ
Insulation Resistance	≥ 100 MΩ 500 VDC



M8 extension cable with lock nut male straight
and female right angled version.

3 or 4

Crimped

Lock Nut M8 x 1

CuZn nickel plated

Viton (for the female connector only)

TPU

PA + 30% GF

Nickel+Au

CuZn / CuSn

IP 67

when correctly assembled

- 20°C / + 80°C

4A

60V AC/DC

≤ 5 mΩ

≥ 100 MΩ 500 VDC

M8 extension cable with lock nut male straight
and female right angled version with LED.

3

Crimped

Lock Nut M8 x 1

CuZn nickel plated

Viton (for the female connector only)

TPU

PA + 30% GF

Nickel+Au

CuZn / CuSn

IP 67

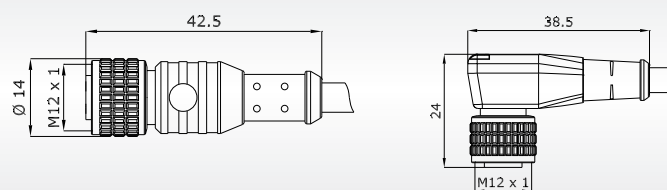
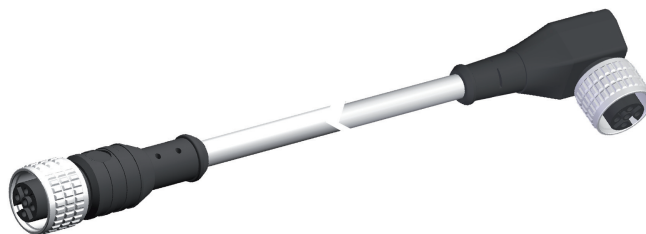
when correctly assembled

- 20°C / + 80°C

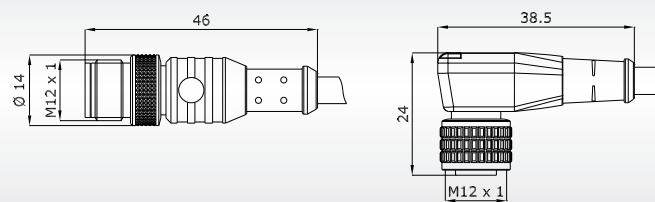
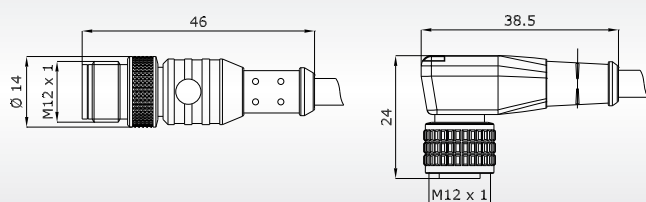
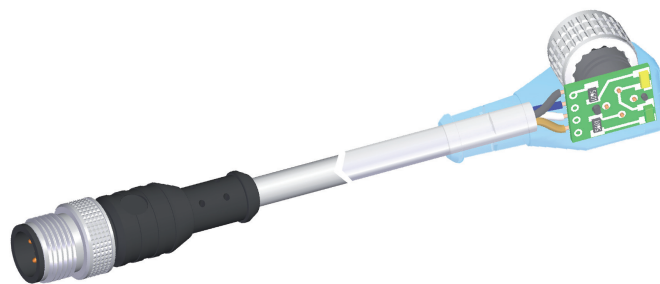
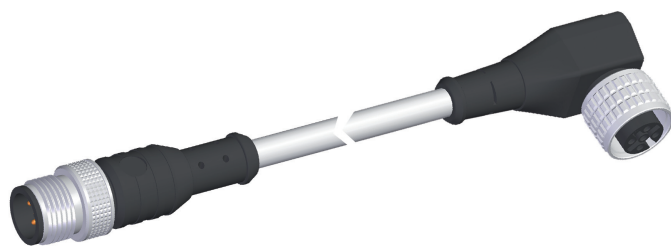
4A

60V AC/DC

≤ 5 mΩ



Product description	M12 extension cable with lock nut female straight and female right angled version.
Technical data	
Number Of Contacts	3 or 4 or 5 or 8
Locking System	Crimped
Mounting	Lock Nut M12 x 1
Coupling Nut Material	CuZn nickel plated
O-Ring	Viton
Housing Material	TPU
Contact Holder Material	PA + 30% GF
Contact Surface	Nickel+Au
Contact Material	CuSn
Protection Class	IP 67 when correctly assembled
Temperature Range	- 20°C / + 80°C
Rated Current	4A
Rated Voltage	250 V AC/DC
Contact Resistance	≤ 5 mΩ
Insulation Resistance	≥ 100 MΩ 500 VDC



M12 extension cable with lock nut male straight
and female right angled version.

3 or 4 or 5 or 8

Crimped

Lock Nut M12 x 1

CuZn nickel plated

Viton (for the female connector only)

TPU

PA + 30% GF

Nickel+Au

CuZn / CuSn

IP 67

when correctly assembled

- 20°C / + 80°C

4A

250 V AC/DC

≤ 5 mΩ

≥ 100 MΩ 500 VDC

M12 extension cable with lock nut male straight
and female right angled version LED

3 or 4

Crimped

Lock Nut M12 x 1

CuZn nickel plated

Viton (for the female connector only)

TPU

PA + 30% GF

Nickel+Au

CuZn / CuSn

IP 67

when correctly assembled

- 20°C / + 80°C

4A

10/30 V AC/DC

≤ 5 mΩ



For optionals see page 19

ORDERING KEY TABLE

1 CONNECTORS

A M12 Male 180°
B M12 Male 90°
C M12 Female 180°
D M12 Female 90°
E M12 Female 180° "PNP" 2 LED
F M12 Female 90° "PNP" 2 LED
I M8 Male 90° Turning ring nut
L M8 Male 180° Turning ring nut
M M8 Male 180° SNAP
N M8 Female 180°
P M8 Female 90°
Q M8 Male 90° SNAP
R M8 Female 180° SNAP
S M8 Female 90° SNAP
T M8 Female 90° "PNP" 2 LED

- Standard
S Shielded
I Inox
X Inox/Shielded

2 POLES

3 3 POLES
4 4 POLES
5 5 POLES
8 8 POLES

3 CONNECTOR COLOR

0 Transparent
1 Grey
2 Blue
3 Black
4 Orange

5 CABLE STANDARD LENGHT

010 0,1 mt 700 7 mt
200 2 mt Xn0 1n mt
300 3 mt Yn0 2n mt
500 5mt Zn0 3n mt

for example: 11,5 mt = X15
22,0 mt = Y20

6 PACKAGING

M Standard
B Simple packaging

1 SECOND SIDE WORKING

4 CABLE TYPE

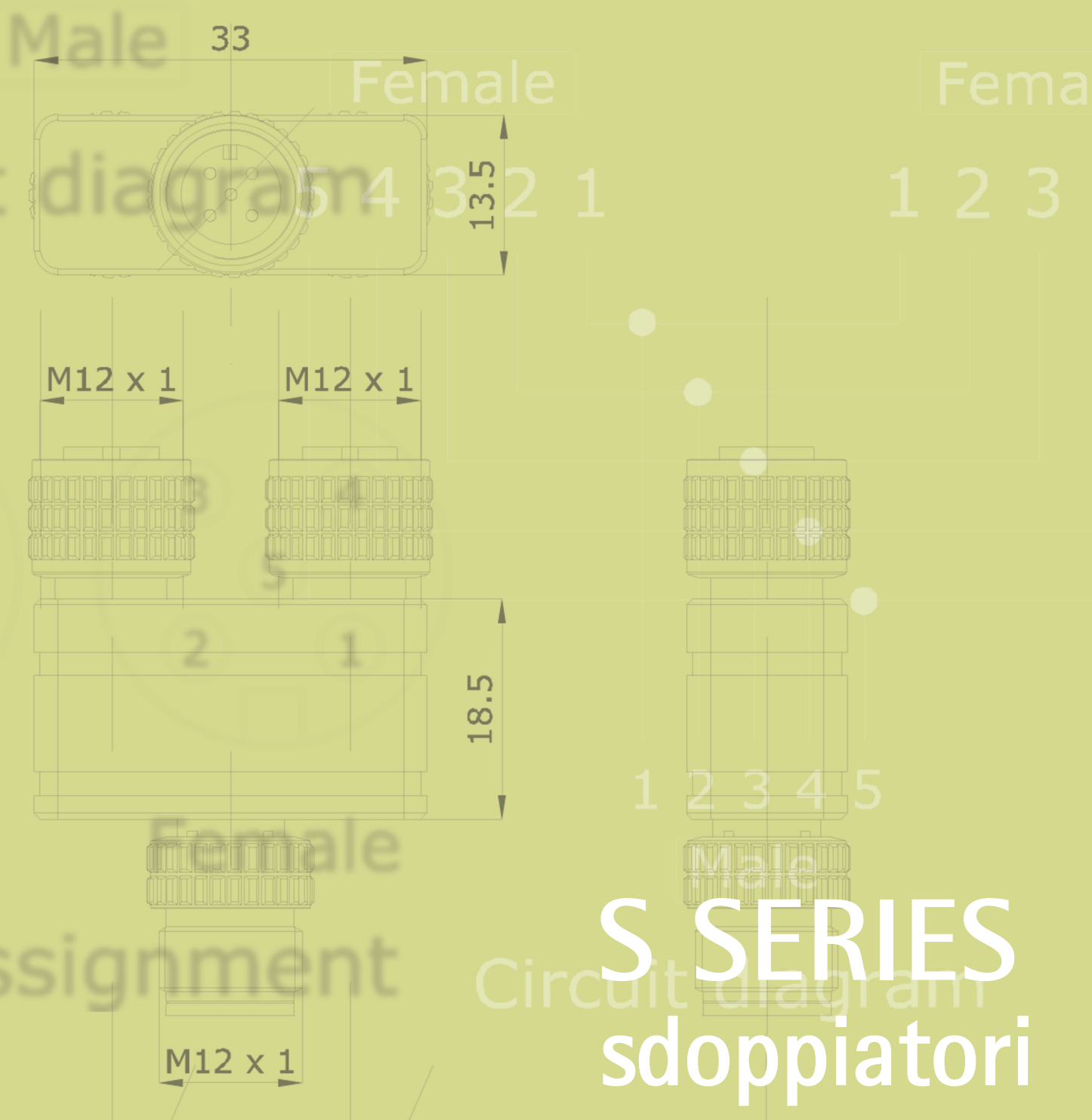
01A	PVC / PVC	CEI 20-22	0,14 mmq - (18 x 0,1)	2,7 mm	grey RAL7035	M8/M12
01B	PVC / PVC	CEI 20-22	0,25 mmq - (32 x 0,1)	4,2 mm	grey RAL7035	M8/M12
01C	PVC / PVC	CEI 20-22	0,25 mmq - (32 x 0,1)	5,0 mm	grey RAL7035	M12
01E	PVC / PVC	CEI 20-22	0,25 mmq - (32 x 0,1)	5,0 mm	black	M12
01N	PVC / PVC	CEI 20-22	0,25 mmq - (32 x 0,1)	5,0 mm	black	M12
30C	PVC / PVC	CEI 20-22	0,25 mmq - (32 x 0,1)	5,6 mm	grey RAL7035	M12
30E	PVC / PVC	CEI 20-22	0,25 mmq - (32 x 0,1)	5,6 mm	black	M12
01D	PVC / PVC	CEI 20-22	0,34 mmq - (42 x 0,1)	5,0 mm	grey RAL7035	M12
01F	PVC / PVC	CEI 20-22	0,34 mmq - (42 x 0,1)	5,0 mm	black	M12
01G	PVC / PVC	CEI 20-22	0,50 mmq - (15 x 0,2)	5,0 mm	grey RAL7035	M12
30S	PVC / SHIELDED / PVC	CEI 20-22	0,25 mmq - (32 x 0,1)	5,6 mm	black	M12
01S	PVC / SHIELDED / PVC	CEI 20-22	0,34 mmq - (42 x 0,1)	5,0 mm	grey RAL7035	M12
02A	PUR / PVC	CEI 20-11	0,25 mmq - (32 x 0,1)	4,2 mm	black	M8/M12
02C	PUR / PVC	CEI 20-11	0,25 mmq - (32 x 0,1)	5,0 mm	black	M12
30A	PUR / PVC	CEI 20-11	0,25 mmq - (32 x 0,1)	5,6 mm	black	M12
02B	PUR / PVC	CEI 20-11	0,34 mmq - (42 x 0,1)	5,0 mm	black	M12
02D	PUR / PVC	CEI 20-11	0,34 mmq - (180 x 0,05)	5,0 mm	black	M12
02E	PUR / PVC	CEI 20-11	0,75 mmq - (42 x 0,15)	5,3 mm	black	M12
02F	PUR / PVC	CEI 20-11	0,75 mmq - (42 x 0,15)	6,2 mm	black	M12
20S	PUR / SHIELDED / PVC	CEI 20-22	0,25 mmq - (32 x 0,1)	6,0 mm	black	M12
02S	PUR / SHIELDED / PVC	CEI 20-22	0,34 mmq - (42 x 0,1)	5,0 mm	black	M12

R S - 1 2 1 3 - 4 5 6

For extra-standard requests please contact **INDgroup**

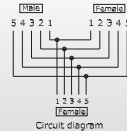
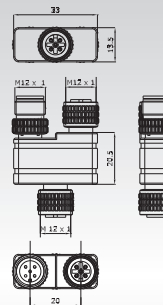
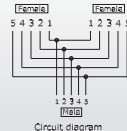
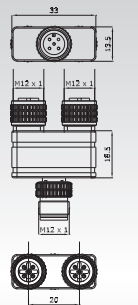
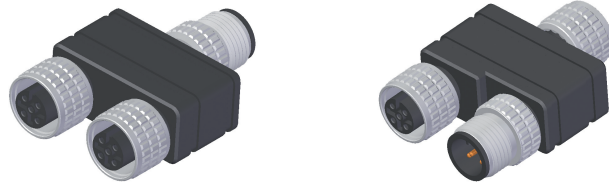
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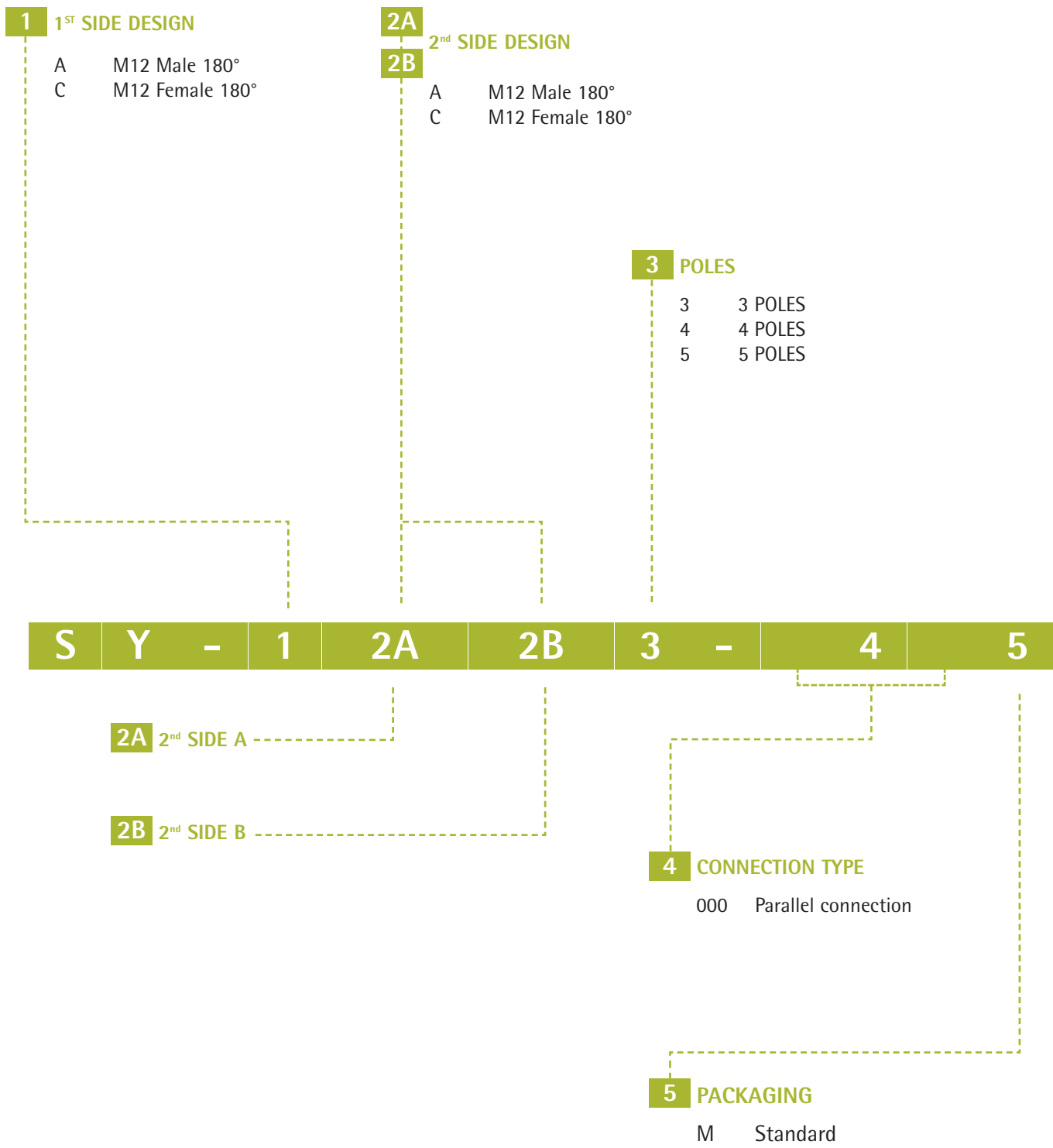
S SERIES sdoppiatori

pages 54-55



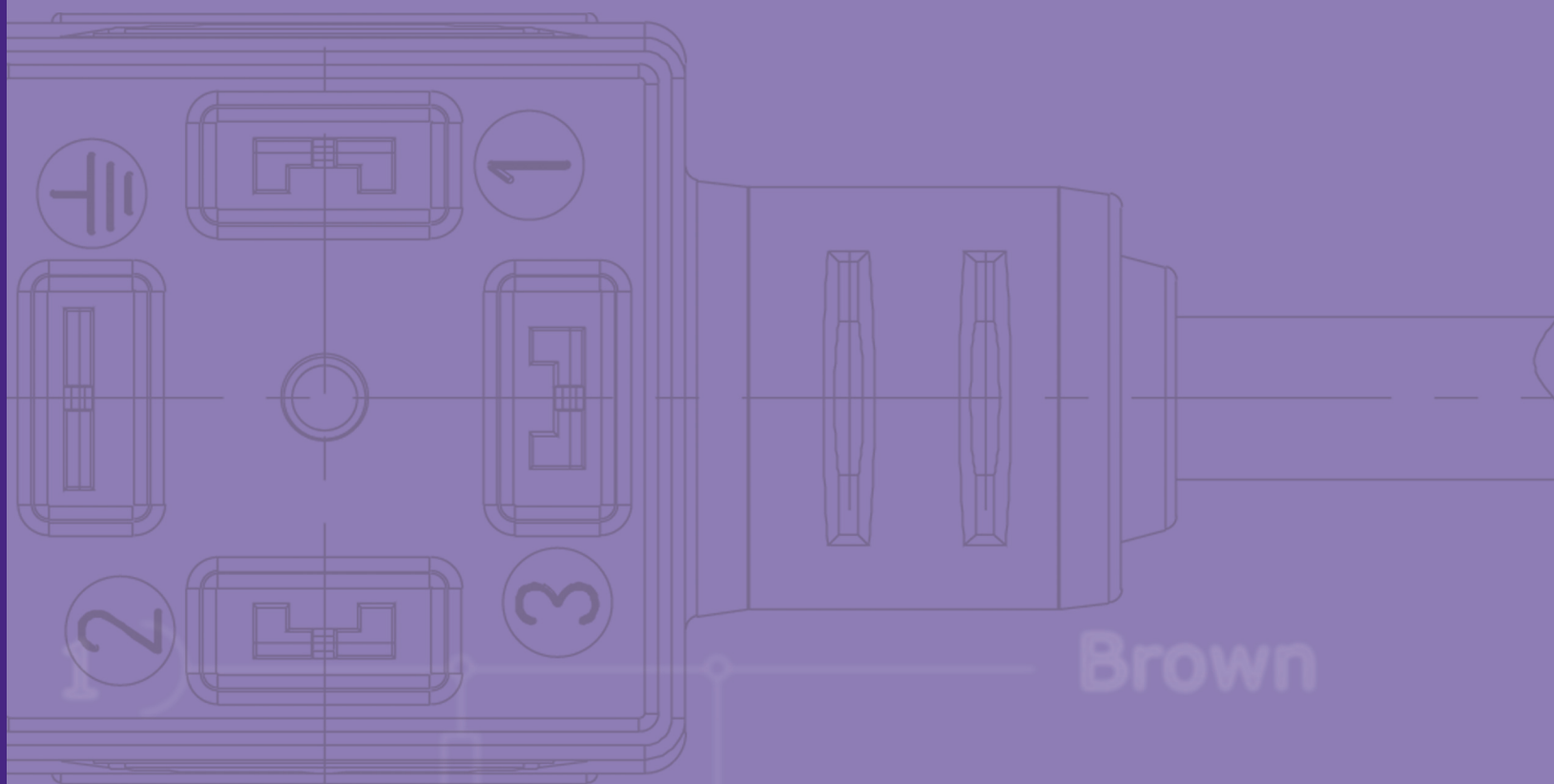
Product description	Splitter with two M12 5 contacts female to 5 contacts male connectors, with self-locking threaded joint	Splitter with two M12 5 contacts male/female to 5 contacts female connectors, with self-locking threaded joint
Technical data		
Male insert	TPU	TPU
Female insert	Nylon + GF	Nylon + GF
Contact	Brass with gold plated	Brass with gold plated
Screw-nut	Brass with nickel plated	Brass with nickel plated
Inner moulding	PP	PP
Over moulding	PVC	PVC
O-ring	FKM	FKM
Protection class	IP 67 when correctly assembled	IP 67 when correctly assembled
Rated current	4A	4A
Rated voltage	60V/AC 72 V/DC	60V/AC 72 V/DC
Contact resistance	£ 5 m Ohm	£ 5 m Ohm
Insulation resistance	> 20 m Ohm	> 20 m Ohm
Temperature range	- 15°C / + 80°C	- 15°C / + 80°C

ORDERING KEY TABLE



For extra-standard requests please contact **INDgroup**



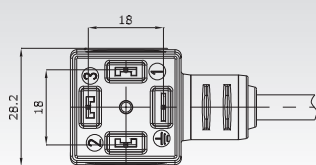
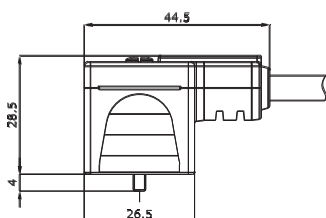


CV SERIES

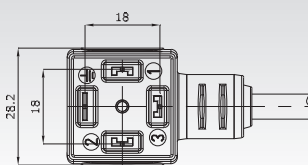
connettori elettrovalvola

style A / style B
regular/diode/led/transil/varistore

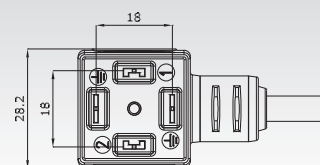
pages 58-71



- 1) Brown / Black 1
- 2) Grey / Black 2
- 3) Black / Black 3
- ⊕) Yellow-Green

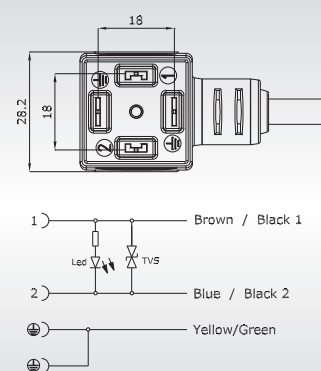
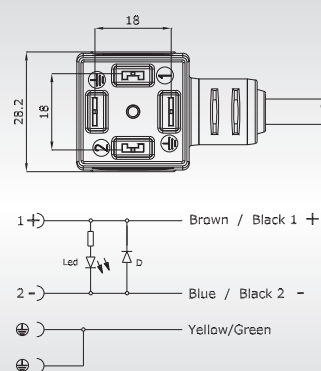
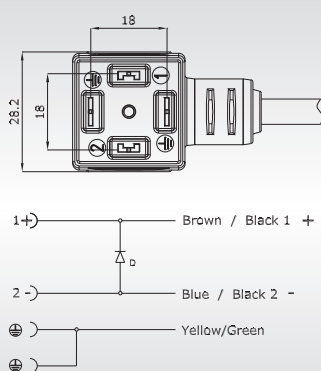
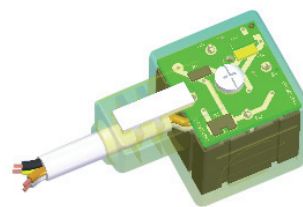
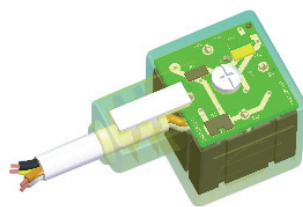


- 1) Brown / Black 1
- 2) Grey / Black 2
- 3) Black / Black 3
- ⊕) Yellow-Green



- 1) Brown / Black 1
- 2) Blue / Black 2
- ⊕) Yellow/Green

Product description	Valve connector with moulded cable (PE) earth position H6	Valve connector with moulded cable (PE) earth position H12	Valve connector with moulded cable (PE) earth position H6/H12
Technical data			
Style	A	A	A
Housing colour	Black	Black	Black
Number of contacts	3 + PE	3 + PE	2 + PE bridged
Pin dimension	6,3 x 0,8 mm; 4,8 x 0,8 mm	6,3 x 0,8 mm; 4,8 x 0,8 mm	6,3 x 0,8 mm; 4,8 x 0,8 mm
Mounting	Central screw M3 x 28,5 mm	Central screw M3 x 28,5 mm	Central screw M3 x 28,5 mm
Fixing screw torque	0,3 - 0,5 N/m	0,3 - 0,5 N/m	0,3 - 0,5 N/m
Overmoulding material	TPU	TPU	TPU
Contact holder material	PA6 GF	PA6 GF	PA6 GF
Contact material	CuSn silverplated	CuSn silverplated	CuSn silverplated
Protection class	IP 67 when correctly assembled	IP 67 when correctly assembled	IP 67 when correctly assembled
Rated current	5 A	5 A	5 A
Rated voltage	250 V AC/DC	250 V AC/DC	250 V AC/DC
Suppressor			
LED colour			
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC



Valve connector with moulded cable protective circuit (diode) earth position H6/H12

A

Black

2 + PE / PE bridged

6,3 x 0,8 mm; 4,8 x 0,8 mm

Central screw M3 x 28,5 mm

0,3 - 0,5 N/m

TPU

PA6 GF

CuSn silverplated

IP 67

when correctly assembled

4 A

0-250 V DC

Diode 1A 1000 V

$\leq 5 \text{ m}\Omega$

$\geq 100 \text{ M}\Omega$ 500 VDC

Valve connector with moulded cable protective circuit (diode) function indicator (LED) earth position H6/H12

A

Transparent

2 + PE / PE bridged

6,3 x 0,8 mm; 4,8 x 0,8 mm

Central screw M3 x 28,5 mm

0,3 - 0,5 N/m

TPU

PA6 GF

CuSn silverplated

IP 67

when correctly assembled

4 A

24 V DC

Diode 1A 1000 V

Yellow

$\leq 5 \text{ m}\Omega$

Valve connector with moulded cable TVS protective circuit (transil) function indicator (LED) earth position H6/H12

A

Transparent

2 + PE / PE bridged

6,3 x 0,8 mm; 4,8 x 0,8 mm

Central screw M3 x 28,5 mm

0,3 - 0,5 N/m

TPU

PA6 GF

CuSn silverplated

IP 67

when correctly assembled

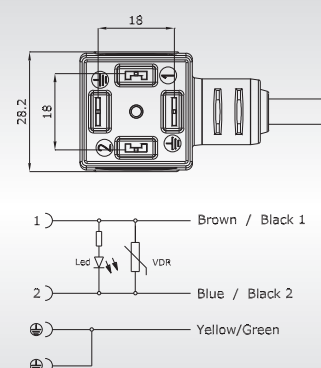
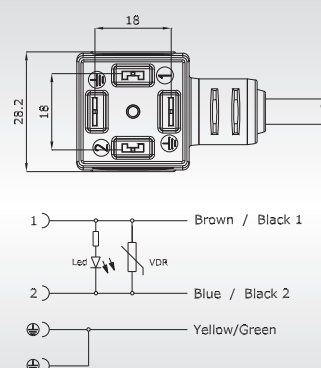
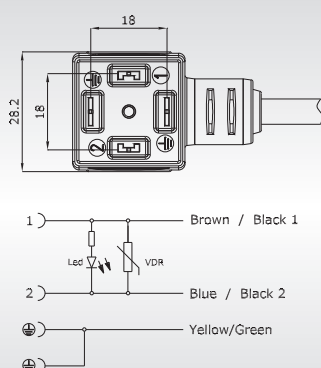
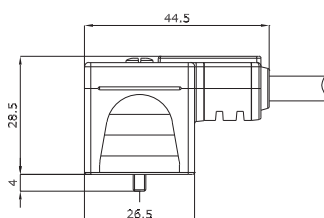
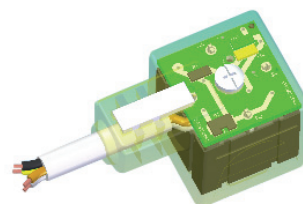
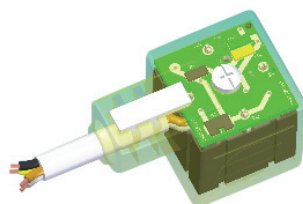
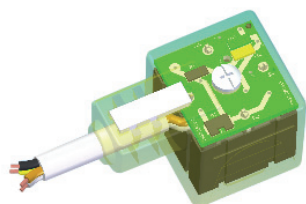
4 A

24 V AC/DC

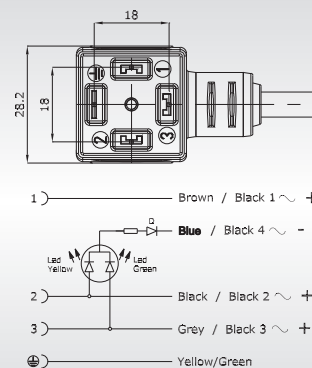
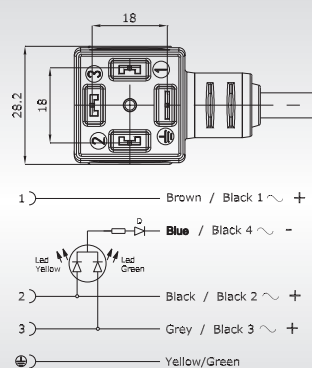
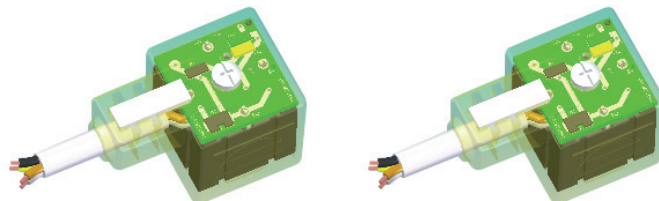
TVS Vbr max = 37,8 V Peak = 400 W

Yellow

$\leq 5 \text{ m}\Omega$



Product description	Valve connector with moulded cable protective circuit (varistor) function indicator (LED) earth position H6/H12	Valve connector with moulded cable protective circuit (varistor) function indicator (LED) earth position H6/H12	Valve connector with moulded cable protective circuit (varistor) function indicator (LED) earth position H6/H12
Technical data			
Style	A	A	A
Housing colour	Transparent	Transparent	Transparent
Number of contacts	2 + PE / PE bridged	2 + PE / PE bridged	2 + PE / PE bridged
Pin dimension	6,3 x 0,8 mm; 4,8 x 0,8 mm	6,3 x 0,8 mm; 4,8 x 0,8 mm	6,3 x 0,8 mm; 4,8 x 0,8 mm
Mounting	Central screw M3 x 28,5 mm	Central screw M3 x 28,5 mm	Central screw M3 x 28,5 mm
Fixing screw torque	0,3 - 0,5 N/m	0,3 - 0,5 N/m	0,3 - 0,5 N/m
Overmoulding material	TPU	TPU	TPU
Contact holder material	PA6 GF	PA6 GF	PA6 GF
Contact material	CuSn silverplated	CuSn silverplated	CuSn silverplated
Protection class	IP 67 when correctly assembled	IP 67 when correctly assembled	IP 67 when correctly assembled
Rated current	5 A	5 A	5 A
Rated voltage	24 V AC/DC	115 V AC/DC	230 V AC/DC
Suppressor	VDR 30 Vrms 0,9 Joule	VDR 130 Vrms 0,9 Joule	VDR 275 Vrms 0,9 Joule
LED colour	Yellow	Yellow	Yellow
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ
Insulation resistance			



Valve connector with moulded cable (PE) earth in H6 position function indicator bi-color (LED) for pressure switch device

A

Transparent

3 + PE

6,3 x 0,8 mm; 4,8 x 0,8 mm

Central screw M3 x 28,5 mm

0,3 - 0,5 N/m

TPU

PA6 GF

CuSn silverplated

IP 67

when correctly assembled

5 A

24 V AC/DC

Yellow (pin 2) Green (pin 3)

≤ 5 mΩ

Valve connector with moulded cable (PE) earth in H12 position function indicator bi-color (LED) for pressure switch device

A

Transparent

3 + PE

6,3 x 0,8 mm; 4,8 x 0,8 mm

Central screw M3 x 28,5 mm

0,3 - 0,5 N/m

TPU

PA6 GF

CuSn silverplated

IP 67

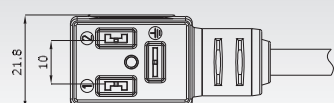
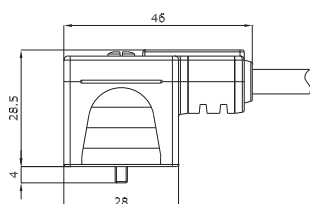
when correctly assembled

5 A

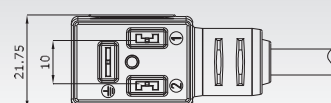
24 V AC/DC

Yellow (pin 2) Green (pin 3)

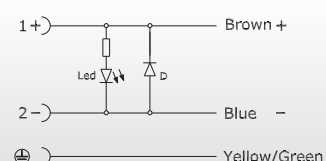
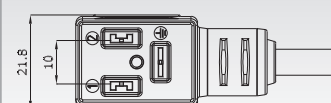
≤ 5 mΩ



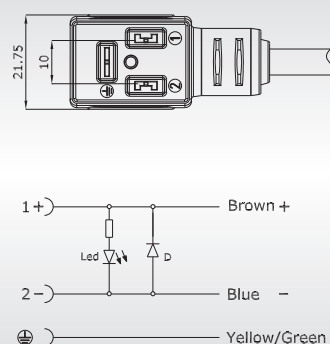
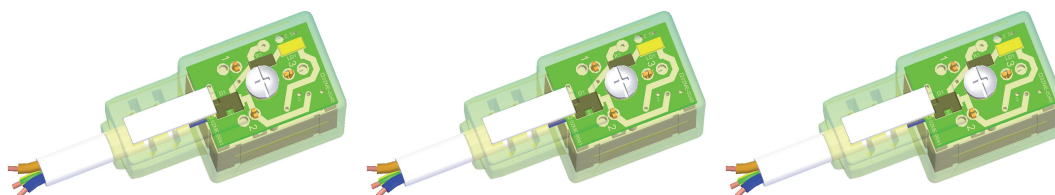
- 1) ————— Brown
- 2) ————— Blue
- ⊕) ————— Yellow/Green



- 1) ————— Brown
- 2) ————— Blue
- ⊕) ————— Yellow/Green



Product description	P10 connector with moulded cable (PE) earth in H6 (next to cable outlet)	P10 connector with moulded cable (PE) earth in H12 (opposite cable outlet)	P10 connector with moulded cable (PE) earth in H6 (next to cable outlet) function indicator (LED) protective circuit (diode)
Technical data			
Style	B	B	B
Housing colour	Black	Black	Transparent
Number of contacts	2 + PE	2 + PE	2 + PE
Pin dimension	6,3 x 0,8 mm	6,3 x 0,8 mm; 4,8 x 0,8 mm	6,3 x 0,8 mm
Mounting	Central screw M3 x 28,5 mm	Central screw M3 x 28,5 mm	Central screw M3 x 28,5 mm
Fixing screw torque	0,3 - 0,5 N/m	0,3 - 0,5 N/m	0,3 - 0,5 N/m
Overmoulding material	TPU	TPU	TPU
Contact holder material	PA6 GF	PA6 GF	PA6 GF
Contact material	CuSn silverplated	CuSn silverplated	CuSn silverplated
Protection class	IP 67 when correctly assembled	IP 67 when correctly assembled	IP 67 when correctly assembled
Rated current	5 A	5 A	4 A
Rated voltage	250 V AC/DC	250 V AC/DC	24 V DC
Suppressor			Diode 1A 1000V
LED colour			Yellow
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC	



P10 connector with moulded cable (PE) earth in H12 (opposite from cable outlet) function indicator (LED) protective circuit (diode)

B

Transparent

2 + PE

6,3 x 0,8 mm

Central screw M3 x 28,5 mm

0,3 - 0,5 N/m

TPU

PA6 GF

CuSn silverplated

IP 67
when correctly assembled

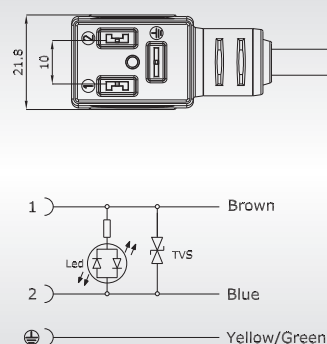
4 A

24 V DC

Diode 1A 1000V

Yellow

≤ 5 mΩ



P10 connector with moulded cable (PE) earth in H6 (next to cable outlet) function indicator (LED) TVS protective circuit (transil)

B

Transparent

2 + PE

6,3 x 0,8 mm

Central screw M3 x 28,5 mm

0,3 - 0,5 N/m

TPU

PA6 GF

CuSn silverplated

IP 67
when correctly assembled

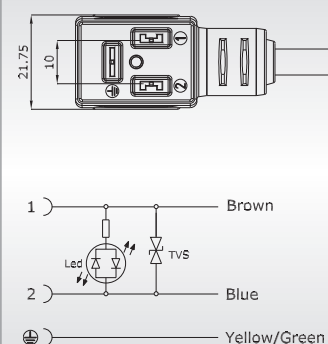
4 A

24 V AC/DC

TVS Vbr. max = 37,8 V Peak = 400 W

Yellow

≤ 5 mΩ



P10 connector with moulded cable (PE) earth in H12 (opposite from cable outlet) function indicator (LED) TVS protective circuit (transil)

B

Transparent

2 + PE

6,3 x 0,8 mm

Central screw M3 x 28,5 mm

0,3 - 0,5 N/m

TPU

PA6 GF

CuSn silverplated

IP 67
when correctly assembled

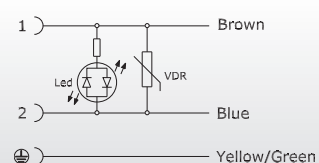
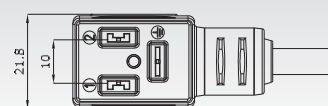
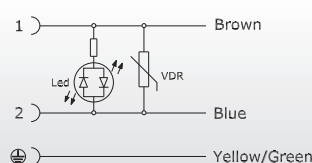
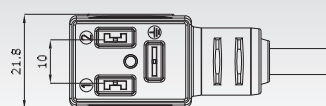
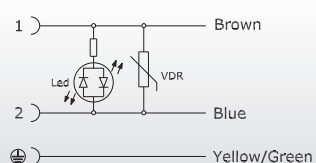
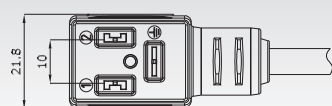
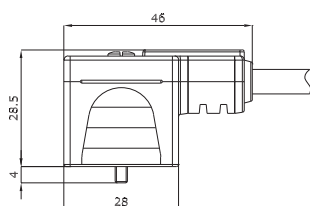
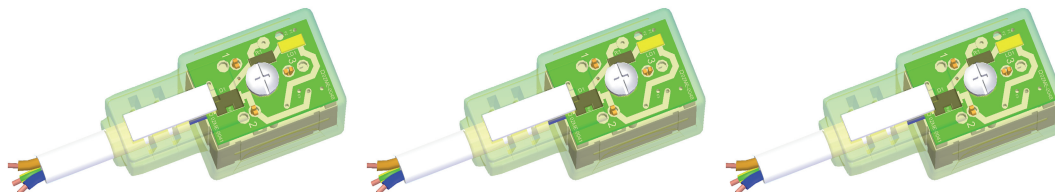
4 A

24 V AC/DC

TVS Vbr. max = 37,8 V Peak = 400 W

Yellow

≤ 5 mΩ



Product description

Technical data

Style

Housing colour

Number of contacts

Pin dimension

Mounting

Fixing screw torque

Overmoulding material

Contact holder material

Contact material

Protection class

Rated current

Rated voltage

Suppressor

LED colour

Contact resistance

Insulation resistance

P10 connector with moulded cable (PE) earth in H6 (next to cable outlet) function indicator (LED) protective circuit (varistor)

B

Transparent

2 + PE

6,3 x 0,8 mm

Central screw M3 x 28,5 mm

0,3 - 0,5 N/m

TPU

PA6 GF

CuSn silverplated

IP 67
when correctly assembled

5 A

24 V AC/DC

VDR 30 Vrms 0,9 Joule

Yellow

≤ 5 mΩ

P10 connector with moulded cable (PE) earth in H6 (next to cable outlet) function indicator (LED) protective circuit (varistor)

B

Transparent

2 + PE

6,3 x 0,8 mm

Central screw M3 x 28,5 mm

0,3 - 0,5 N/m

TPU

PA6 GF

CuSn silverplated

IP 67
when correctly assembled

5 A

115 V AC/DC

VDR 130 Vrms 0,9 Joule

Yellow

≤ 5 mΩ

P10 connector with moulded cable (PE) earth in H6 (next to cable outlet) function indicator (LED) protective circuit (varistor)

B

Transparent

2 + PE

6,3 x 0,8 mm

Central screw M3 x 28,5 mm

0,3 - 0,5 N/m

TPU

PA6 GF

CuSn silverplated

IP 67
when correctly assembled

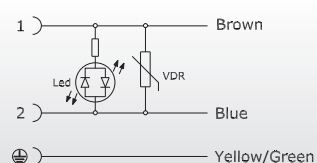
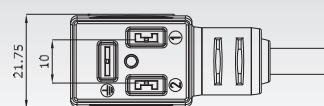
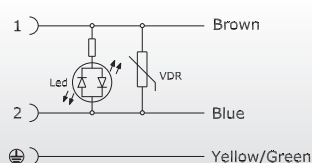
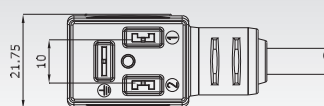
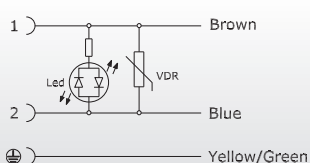
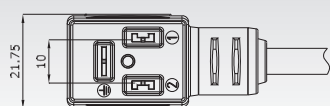
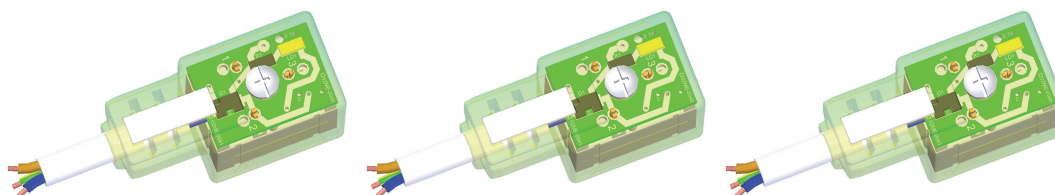
5 A

230 V AC/DC

VDR 275 Vrms 0,9 Joule

Yellow

≤ 5 mΩ



P10 connector with moulded cable
(PE) earth in H12 (opposite from
cable outlet) function indicator (LED)
protective circuit (varistor)

B

Transparent

2 + PE

6,3 x 0,8 mm

Central screw M3 x 28,5 mm

0,3 - 0,5 N/m

TPU

PA6 GF

CuSn silverplated

IP 67
when correctly assembled

5 A

24 V AC/DC

VDR 30 Vrms 0,9 Joule

Yellow

≤ 5 mΩ

P10 connector with moulded cable
(PE) earth in H12 (opposite from
cable outlet) function indicator (LED)
protective circuit (varistor)

B

Transparent

2 + PE

6,3 x 0,8 mm

Central screw M3 x 28,5 mm

0,3 - 0,5 N/m

TPU

PA6 GF

CuSn silverplated

IP 67
when correctly assembled

5 A

115 V AC/DC

VDR 130 Vrms 0,9 Joule

Yellow

≤ 5 mΩ

P10 connector with moulded cable
(PE) earth in H12 (opposite from
cable outlet) function indicator (LED)
protective circuit (varistor)

B

Transparent

2 + PE

6,3 x 0,8 mm

Central screw M3 x 28,5 mm

0,3 - 0,5 N/m

TPU

PA6 GF

CuSn silverplated

IP 67
when correctly assembled

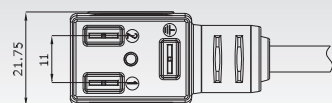
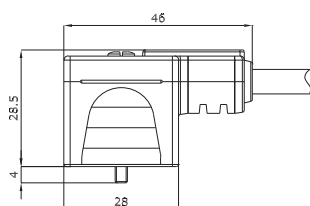
5 A

230 V AC/DC

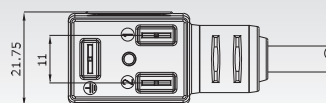
VDR 275 Vrms 0,9 Joule

Yellow

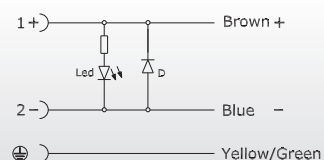
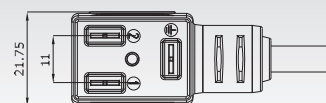
≤ 5 mΩ



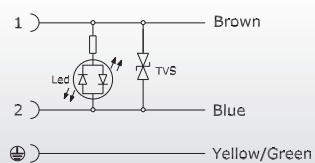
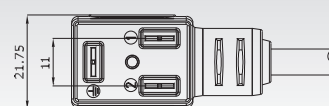
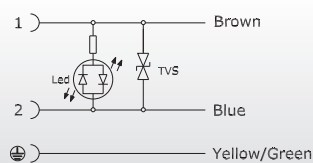
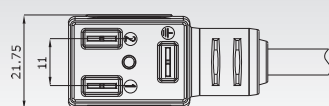
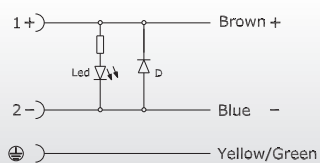
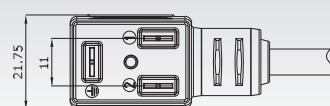
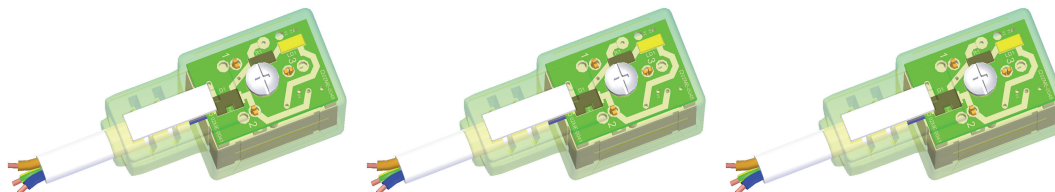
- 1) ————— Brown
- 2) ————— Blue
- ⊕) ————— Yellow/Green



- 1) ————— Brown
- 2) ————— Blue
- ⊕) ————— Yellow/Green



Product description	P11 connector with moulded cable (PE) earth in H6 (next to cable outlet)	P11 connector with moulded cable (PE) earth in H12 (opposite cable outlet)	P11 connector with moulded cable (PE) earth in H6 (next to cable outlet) function indicator (LED) protective circuit (diode)
Technical data			
Style	Industry B	Industry B	Industry B
Housing colour	Black	Black	Transparent
Number of contacts	2 + PE	2 + PE	2 + PE
Pin dimension	6,3 x 0,8 mm	6,3 x 0,8 mm; 4,8 x 0,8 mm	6,3 x 0,8 mm
Mounting	Central screw M3 x 28,5 mm	Central screw M3 x 28,5 mm	Central screw M3 x 28,5 mm
Fixing screw torque	0,3 - 0,5 N/m	0,3 - 0,5 N/m	0,3 - 0,5 N/m
Overmoulding material	TPU	TPU	TPU
Contact holder material	PA6 GF	PA6 GF	PA6 GF
Contact material	CuSn silverplated	CuSn silverplated	CuSn silverplated
Protection class	IP 67 when correctly assembled	IP 67 when correctly assembled	IP 67 when correctly assembled
Rated current	5 A	5 A	4 A
Rated voltage	250 V AC/DC	250 V AC/DC	24 V DC
Suppressor			Diode 1A 1000V
LED colour			Yellow
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC	



P11 connector with moulded cable (PE) earth in H12 (opposite from cable outlet) function indicator (LED) protective circuit (diode)

Industry B

Transparent

2 + PE

6,3 x 0,8 mm

Central screw M3 x 28,5 mm

0,3 - 0,5 N/m

TPU

PA6 GF

CuSn silverplated

IP 67

when correctly assembled

4 A

24 V DC

diode 1A 1000V

Yellow

≤ 5 mΩ

P11 connector with moulded cable (PE) earth in H6 (next to cable outlet) function indicator (LED) TVS protective circuit (transil)

Industry B

Transparent

2 + PE

6,3 x 0,8 mm

Central screw M3 x 28,5 mm

0,3 - 0,5 N/m

TPU

PA6 GF

CuSn silverplated

IP 67

when correctly assembled

4 A

24 V AC/DC

TVS Vbr. max = 37,8 V Peak = 400 W

Yellow

≤ 5 mΩ

P11 connector with moulded cable (PE) earth in H12 (opposite from cable outlet) function indicator (LED) TVS protective circuit (transil)

Industry B

Transparent

2 + PE

6,3 x 0,8 mm

Central screw M3 x 28,5 mm

0,3 - 0,5 N/m

TPU

PA6 GF

CuSn silverplated

IP 67

when correctly assembled

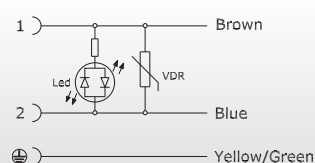
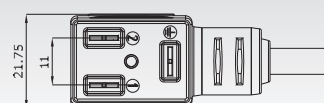
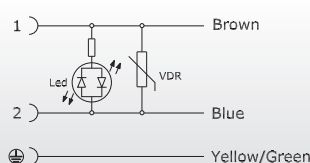
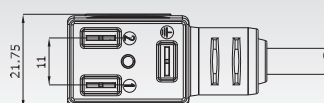
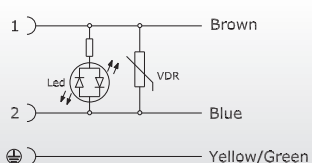
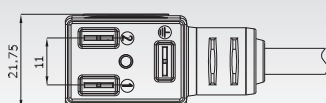
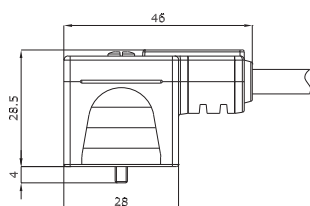
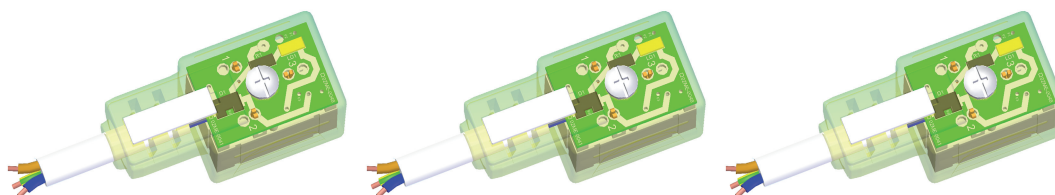
4 A

24 V AC/DC

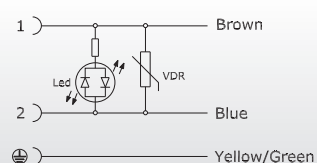
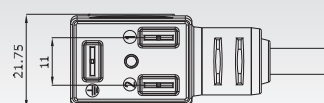
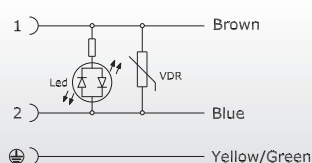
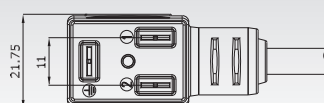
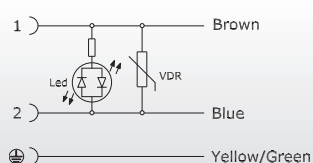
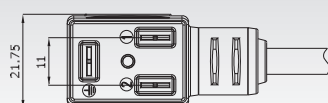
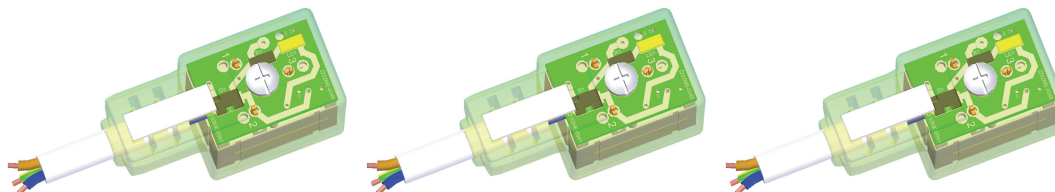
TVS Vbr. max = 37,8 V Peak = 400 W

Yellow

≤ 5 mΩ



Product description	P11 connector with moulded cable (PE) earth in H6 (next to cable outlet) function indicator (LED) protective circuit (varistor)		
Technical data			
Style	Industry B	Industry B	Industry B
Housing colour	Transparent	Transparent	Transparent
Number of contacts	2 + PE	2 + PE	2 + PE
Pin dimension	6,3 x 0,8 mm	6,3 x 0,8 mm	6,3 x 0,8 mm
Mounting	Central screw M3 x 28,5 mm	Central screw M3 x 28,5 mm	Central screw M3 x 28,5 mm
Fixing screw torque	0,3 - 0,5 N/m	0,3 - 0,5 N/m	0,3 - 0,5 N/m
Overmoulding material	TPU	TPU	TPU
Contact holder material	PA6 GF	PA6 GF	PA6 GF
Contact material	CuSn silverplated	CuSn silverplated	CuSn silverplated
Protection class	IP 67 when correctly assembled	IP 67 when correctly assembled	IP 67 when correctly assembled
Rated current	5 A	5 A	5 A
Rated voltage	24 V AC/DC	115 V AC/DC	230 V AC/DC
Suppressor	VDR 30 Vrms 0,9 Joule	VDR 130 Vrms 0,9 Joule	VDR 275 Vrms 0,9 Joule
LED colour	Yellow	Yellow	Yellow
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ
Insulation resistance			



P11 connector with moulded cable
(PE) earth in H12 (opposite from
cable outlet) function indicator (LED)
protective circuit (varistor)

Industry B

Transparent

2 + PE

6,3 x 0,8 mm

Central screw M3 x 28,5 mm

0,3 - 0,5 N/m

TPU

PA6 GF

CuSn silverplated

IP 67

when correctly assembled

5 A

24 V AC/DC

VDR 30 Vrms 0,9 Joule

Yellow

≤ 5 mΩ

P11 connector with moulded cable
(PE) earth in H12 (opposite from
cable outlet) function indicator (LED)
protective circuit (varistor)

Industry B

Transparent

2 + PE

6,3 x 0,8 mm

Central screw M3 x 28,5 mm

0,3 - 0,5 N/m

TPU

PA6 GF

CuSn silverplated

IP 67

when correctly assembled

5 A

115 V AC/DC

VDR 130 Vrms 0,9 Joule

Yellow

≤ 5 mΩ

P11 connector with moulded cable
(PE) earth in H12 (opposite from
cable outlet) function indicator (LED)
protective circuit (varistor)

Industry B

Transparent

2 + PE

6,3 x 0,8 mm

Central screw M3 x 28,5 mm

0,3 - 0,5 N/m

TPU

PA6 GF

CuSn silverplated

IP 67

when correctly assembled

5 A

230 V AC/DC

VDR 275 Vrms 0,9 Joule

Yellow

≤ 5 mΩ

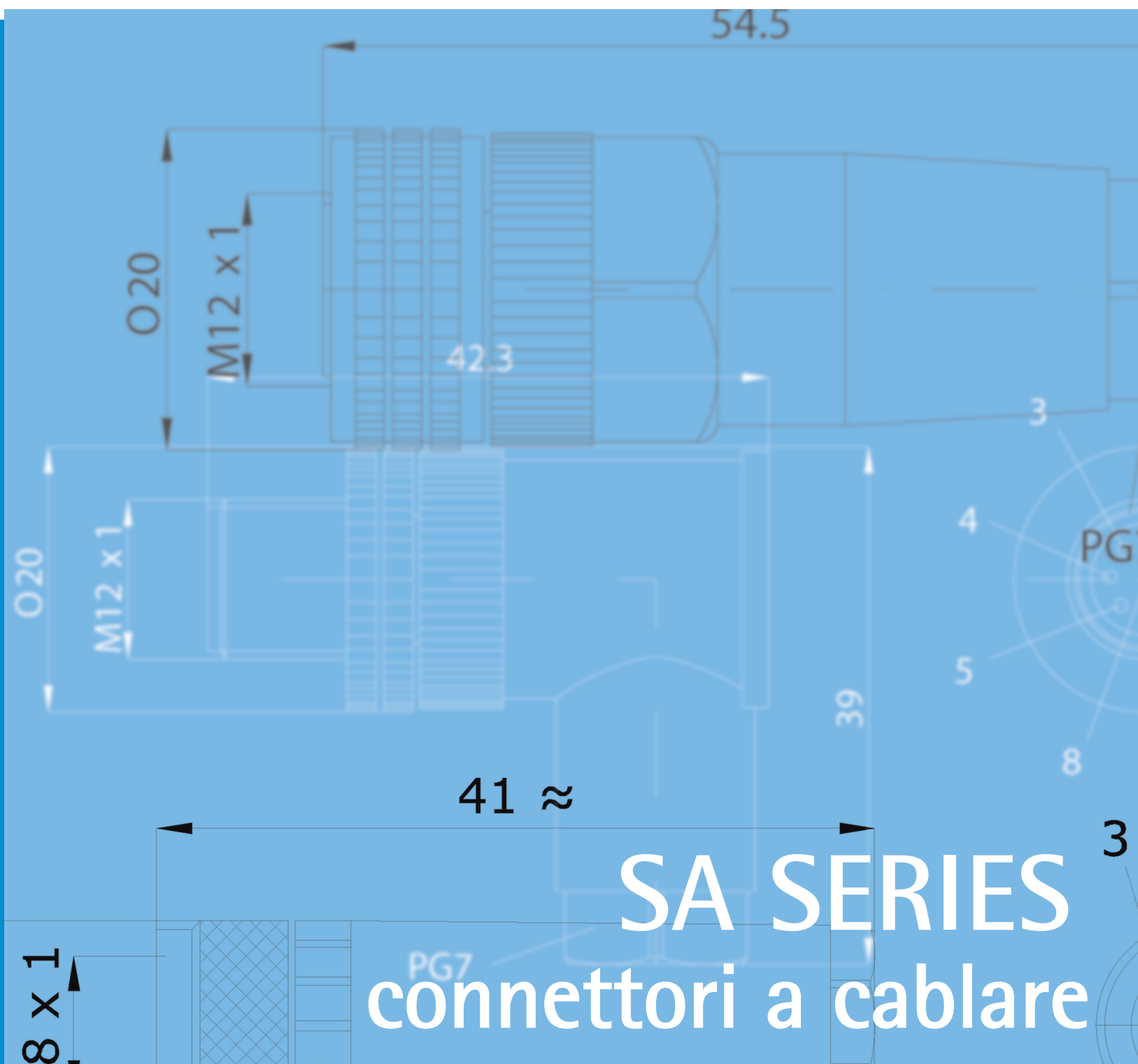
ORDERING KEY TABLE

1 BLOCK DESIGN	2 BLOCK TYPE	3 GROUND POSITION	4 WIRING	5 CABLE TYPE	6 STANDARD LENGTH OF CABLE	7 PACKAGING																																																																																		
- DIN 43650 I INDUSTRIAL	A STYLE A B STYLE B	0 DUAL GROUND 1 GROUND H12 3 3 CONTACTS + GROUND 4 3 CONTACTS + GROUND + PRESSURE 6 GROUND H6 X GROUNDLESS	00 WITHOUT CIRCUIT 01 CIRCUIT WITH PROTECTIVE DIODE 0-250 V DC 02 CIRCUIT WITH LED + PROTECTIVE DIODE 24 V DC 03 CIRCUIT WITH LED + PROTECTIVE TRANSIL 24 V AC/DC 04 CIRCUIT WITH LED + PROTECTIVE VARISTOR 24 V AC/DC 05 CIRCUIT WITH LED + PROTECTIVE VARISTOR 115 V AC/DC 06 CIRCUIT WITH LED + PROTECTIVE VARISTOR 230 V AC/DC 07 CIRCUIT WITH 2 LED YELLOW/GREEN + PRESSURE ... 50 CIRCUIT WITH RED LED + PROTECTIVE VARISTOR 48V AC/DC	<table border="1"> <tr> <td>H00</td> <td>H03.VV.F</td> <td>0,50 mmq</td> <td>black</td> </tr> <tr> <td>H01</td> <td>H05.VV.F</td> <td>0,75 mmq</td> <td>black</td> </tr> <tr> <td>V00</td> <td>PVC / PVC CEI 20-22 O.R.</td> <td>0,50 mmq</td> <td>black</td> </tr> <tr> <td>V01</td> <td>PVC / PVC CEI 20-22 O.R.</td> <td>0,75 mmq</td> <td>black</td> </tr> <tr> <td>V10</td> <td>PVC / PVC CEI 20-22 O.R.</td> <td>0,50 mmq</td> <td>grey RAL7035</td> </tr> <tr> <td>V11</td> <td>PVC / PVC CEI 20-22 O.R.</td> <td>0,75 mmq</td> <td>grey RAL7035</td> </tr> <tr> <td>P00</td> <td>PUR / PVC</td> <td>0,50 mmq</td> <td>black</td> </tr> <tr> <td>P01</td> <td>PUR / PVC</td> <td>0,75 mmq</td> <td>black</td> </tr> <tr> <td>P10</td> <td>PUR / PVC</td> <td>0,50 mmq</td> <td>grey RAL7035</td> </tr> <tr> <td>P11</td> <td>PUR / PVC</td> <td>0,75 mmq</td> <td>grey RAL7035</td> </tr> <tr> <td>U00</td> <td>UL / CSA</td> <td>0,50 mmq</td> <td>black</td> </tr> <tr> <td>U01</td> <td>UL / CSA</td> <td>0,75 mmq</td> <td>black</td> </tr> <tr> <td>U10</td> <td>UL / CSA</td> <td>0,50 mmq</td> <td>grey RAL7035</td> </tr> <tr> <td>U11</td> <td>UL / CSA</td> <td>0,75 mmq</td> <td>grey RAL7035</td> </tr> </table>	H00	H03.VV.F	0,50 mmq	black	H01	H05.VV.F	0,75 mmq	black	V00	PVC / PVC CEI 20-22 O.R.	0,50 mmq	black	V01	PVC / PVC CEI 20-22 O.R.	0,75 mmq	black	V10	PVC / PVC CEI 20-22 O.R.	0,50 mmq	grey RAL7035	V11	PVC / PVC CEI 20-22 O.R.	0,75 mmq	grey RAL7035	P00	PUR / PVC	0,50 mmq	black	P01	PUR / PVC	0,75 mmq	black	P10	PUR / PVC	0,50 mmq	grey RAL7035	P11	PUR / PVC	0,75 mmq	grey RAL7035	U00	UL / CSA	0,50 mmq	black	U01	UL / CSA	0,75 mmq	black	U10	UL / CSA	0,50 mmq	grey RAL7035	U11	UL / CSA	0,75 mmq	grey RAL7035	<table border="1"> <tr> <td>010</td> <td>0,1 mt</td> <td>Yn0</td> <td>2n mt</td> </tr> <tr> <td>200</td> <td>2 mt</td> <td>Zn0</td> <td>3n mt</td> </tr> <tr> <td>300</td> <td>3 mt</td> <td>Qn0</td> <td>4n mt</td> </tr> <tr> <td>500</td> <td>5mt</td> <td>Cn0</td> <td>5n mt</td> </tr> <tr> <td>700</td> <td>7 mt</td> <td>Sn0</td> <td>6n mt</td> </tr> <tr> <td>Xn0</td> <td>1n mt</td> <td>Tn0</td> <td>7n mt</td> </tr> </table> for example: 11,5 mt = X15 22,0 mt = Y20	010	0,1 mt	Yn0	2n mt	200	2 mt	Zn0	3n mt	300	3 mt	Qn0	4n mt	500	5mt	Cn0	5n mt	700	7 mt	Sn0	6n mt	Xn0	1n mt	Tn0	7n mt	<table border="1"> <tr> <td>M</td> <td>Standard</td> </tr> </table>	M	Standard
H00	H03.VV.F	0,50 mmq	black																																																																																					
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200	2 mt	Zn0	3n mt																																																																																					
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500	5mt	Cn0	5n mt																																																																																					
700	7 mt	Sn0	6n mt																																																																																					
Xn0	1n mt	Tn0	7n mt																																																																																					
M	Standard																																																																																							

For extra-standard requests please contact **INDgroup**

NOTES

NOTES



SA SERIES

connettori a cablare

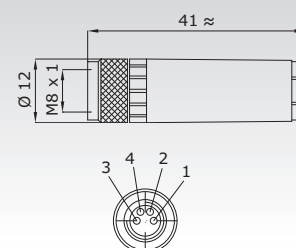
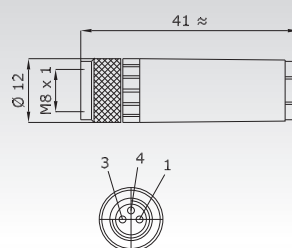
SA - V / SA - C

rewireable valve
and circular connectors

pages 80 -87



Product description	Rewirable connector, straight version with locking nut, screw terminals and male contacts	Rewirable connector, straight version with locking nut, screw terminals and male contacts	
Technical data			
Number of contacts	3	4	
Mounting	Locknut M8 x 1	Locknut M8 x 1	
Coupling nut material	CuZn Nickel plated	CuZn Nickel plated	
Housing material	PA	PA	
Contact holder material	PA	PA	
Contact surface	Nickel + Au	Nickel + Au	
Contact material	CuZn	CuZn	
Protection class	IP 67 when correctly assembled	IP 67 when correctly assembled	
Temperature Range	- 40°C / + 85°C	- 40°C / + 85°C	
Rated current	4A	4A	
Rated voltage	60 V AC/DC	30 V AC/DC	
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	
Insulation resistance	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC	



Rewirable connector, straight
version with locking nut, screw
terminals and female contacts

Rewirable connector, straight
version with locking nut, screw
terminals and female contacts

3

4

Locknut M8 x 1

Locknut M8 x 1

CuSn Nickel plated

CuSn Nickel plated

PA

PA

PA

PA

Nickel + Au

Nickel + Au

CuSn

CuSn

IP 67

IP 67

when correctly assembled

when correctly assembled

- 40°C / + 85°C

- 40°C / + 85°C

4A

4A

60 V AC/DC

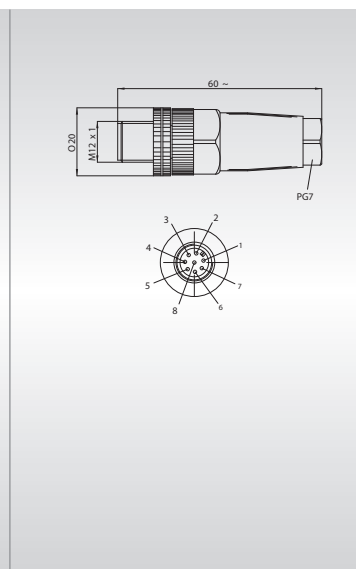
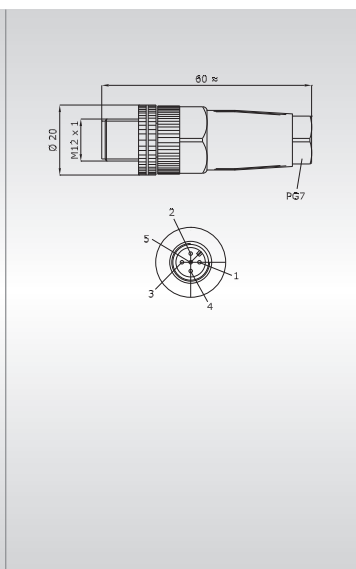
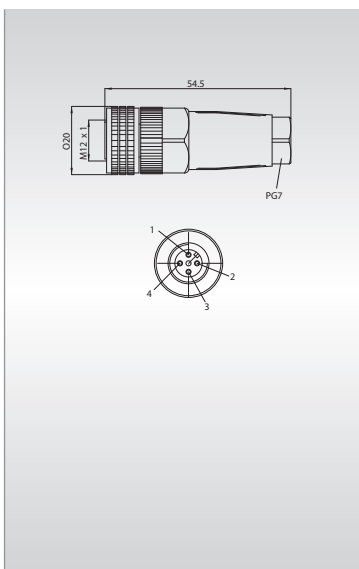
30 V AC/DC

≤ 5 mΩ

≤ 5 mΩ

≥ 100 MΩ 500 VDC

≥ 100 MΩ 500 VDC



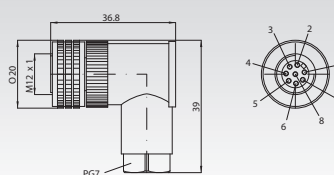
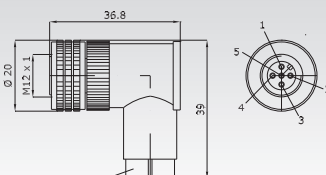
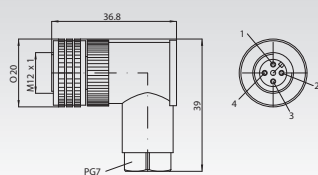
Product description	Rewirable connector, straight version with locking nut, screw terminals and male contacts		
Technical data			
Number of contacts	4	5	8
Mounting	Locknut M12 x 1	Locknut M12 x 1	Locknut M12 x 1
Coupling nut material	CuZn Nickel plated	CuZn Nickel plated	CuZn Nickel plated
Housing material	PA	PA	PA
Contact holder material	PA	PA	PA
Contact surface	Nickel + Au	Nickel + Au	Nickel + Au
Contact material	CuZn	CuZn	CuZn
Protection class	IP 67 when correctly assembled	IP 67 when correctly assembled	IP 67 when correctly assembled
Temperature Range	- 25°C / + 90°C	- 25°C / + 90°C	- 25°C / + 90°C
Rated current	4A	4A	2A
Rated voltage	250 V AC/DC	60 V AC/DC	30 V AC/DC
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC



Rewirable connector, angled version with locking nut, screw terminals and male contacts 4 Locknut M12 x 1 CuZn Nickel plated PA PA Nickel + Au CuZn IP 67 when correctly assembled - 25°C / + 90°C 4A 250 V AC/DC ≤ 5 mΩ ≥ 100 MΩ 500 VDC	Rewirable connector, angled version with locking nut, screw terminals and male contacts 5 Locknut M12 x 1 CuZn Nickel plated PA PA Nickel + Au CuZn IP 67 when correctly assembled - 25°C / + 90°C 4A 60 V AC/DC ≤ 5 mΩ ≥ 100 MΩ 500 VDC	Rewirable connector, angled version with locking nut, screw terminals and male contacts 8 Locknut M12 x 1 CuZn Nickel plated PA PA Nickel + Au CuZn IP 67 when correctly assembled - 25°C / + 90°C 2A 30 V AC/DC ≤ 5 mΩ ≥ 100 MΩ 500 VDC



Product description	Rewirable connector, straight version with locking nut, screw terminals and female contacts	Rewirable connector, straight version with locking nut, screw terminals and female contacts	Rewirable connector, straight version with locking nut, screw terminals and female contacts	
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Protection class	IP 67 when correctly assembled	IP 67 when correctly assembled	IP 67 when correctly assembled	
Temperature Range	- 25°C / + 90°C	- 25°C / + 90°C	- 25°C / + 90°C	
Rated current	4A	4A	2A	
Rated voltage	250 V AC/DC	60 V AC/DC	30 V AC/DC	
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ	
Insulation resistance	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC	≥ 100 MΩ 500 VDC	



Rewirable connector, angled
version with locking nut, screw
terminals and female contacts

4

Locknut M12 x 1

CuZn Nickel plated

PA

PA

Nickel + Au

CuSn

IP 67
when correctly assembled

- 25°C / + 90°C

4A

250 V AC/DC

≤ 5 mΩ

≥ 100 MΩ 500 VDC

Rewirable connector, angled
version with locking nut, screw
terminals and female contacts

5

Locknut M12 x 1

CuZn Nickel plated

PA

PA

Nickel + Au

CuSn

IP 67
when correctly assembled

- 25°C / + 90°C

4A

60 V AC/DC

≤ 5 mΩ

≥ 100 MΩ 500 VDC

Rewirable connector, angled
version with locking nut, screw
terminals and female contacts

8

Locknut M12 x 1

CuZn Nickel plated

PA

PA

Nickel + Au

CuSn

IP 67
when correctly assembled

- 25°C / + 90°C

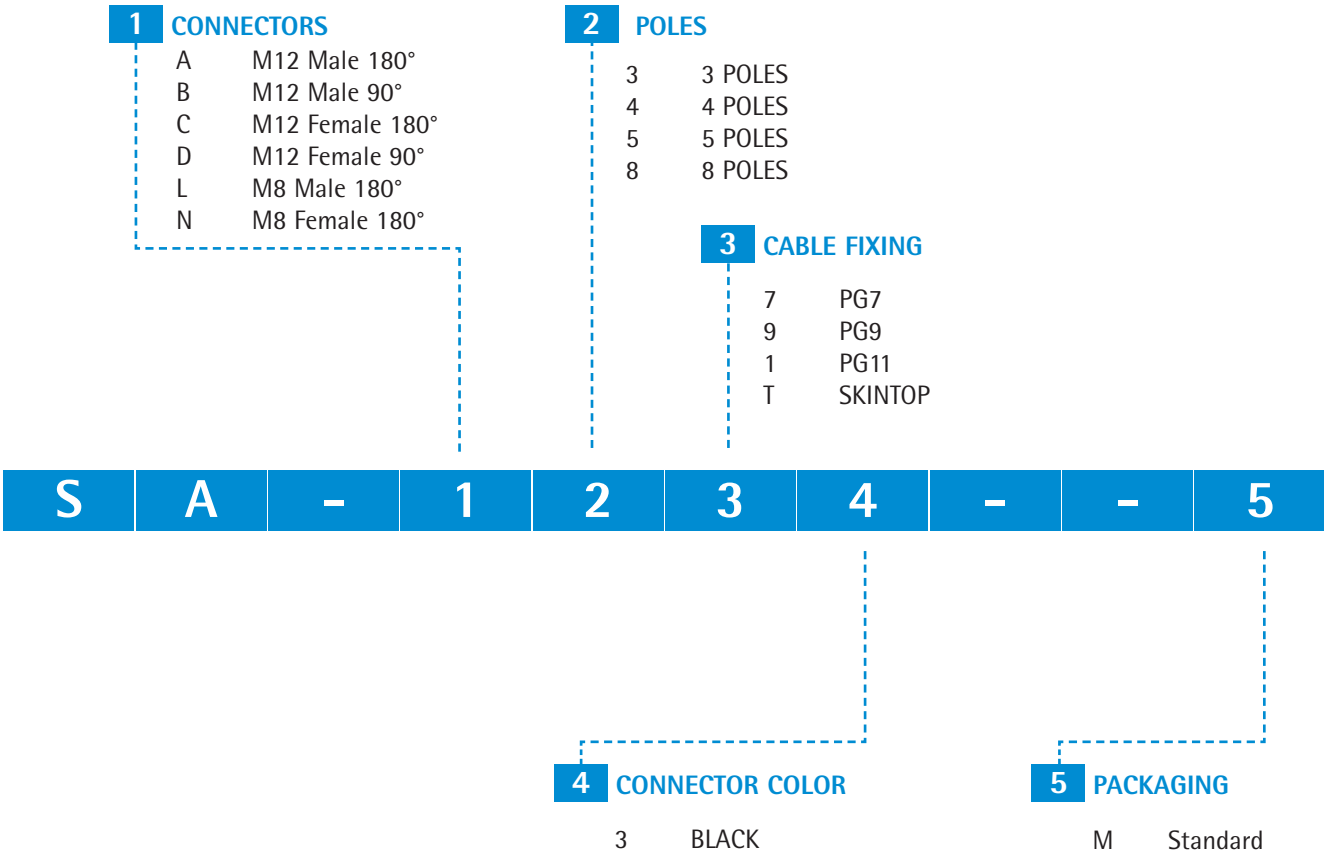
2A

30 V AC/DC

≤ 5 mΩ

≥ 100 MΩ 500 VDC

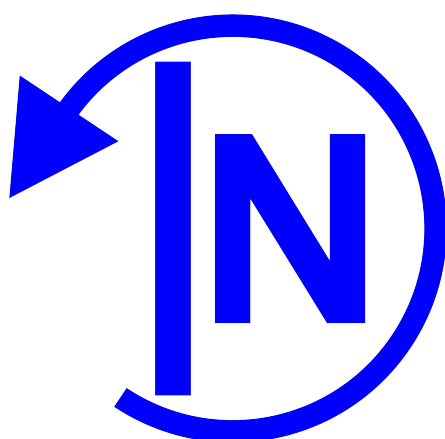
ORDERING KEY TABLE



For extra-standard requests please contact **INDgroup**

NOTES

NOTES



IND*group* si riserva il diritto di modificare disegni, aspetto e specifiche senza preavviso per ragioni tecniche o commerciali.

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info@indgroup.it

<https://www.indgroup.it>