

## M12 male 0° / M8 female 90° A-cod.

PUR 4x0.25 gy UL/CSA 1.5m

## ⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

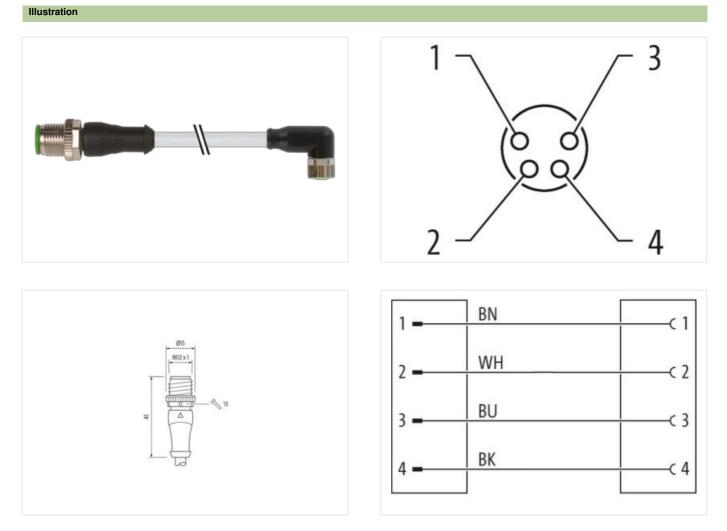
Male straight - female 90°

M12 – M8, 4-pole

Plastic housings with good resistance against chemicals and oils.

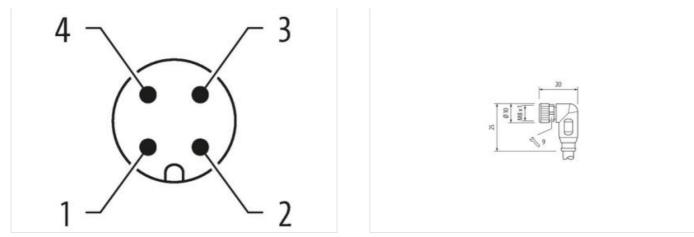
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product



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Product may differ from Image



Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Coding	A
Material	PUR
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP66K, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879160513



Packaging unit 1	
Electrical data   Supply	
Dperating voltage AC max. 50 V	
Departing voltage DC max. 60 V	
Departing voltage AC (UL-listed) 30 V	
Departing voltage DC (UL-listed) 30 V	
Current operating per contact max. 4 A	
Device protection   Electrical	
Additional condition protection degree inserted, screwed	
Pollution Degree 3	
Rated surge voltage 1,5 kV	
Material group (IEC 60664-1) II	
Mechanical data   Material data	
Coating locking Nickeled	
Coating of fitting nickel plated	
Locking material Zinc die-casting	
Vaterial screw connection Zinc die casting	
Mechanical data   Mounting data	
Mounting method inserted, screwed, Shaking protection	
Environmental characteristics   Climatic	
Dperating temperature min25 °C	
Dperating temperature max. 85 °C	
Additional condition temperature range depending on cable quality	
Conformity	
Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)	
Installation   Cable	
Cable identification 221	
Cable Type 2	
Jacket Color gray	
Type of Certificate cURus	
Amount stranding 1	
Stranding 4 wires twisted	
vire arrangement brown, black, blue, white	
No. of bending cycles (C-track) 2 Mio. @ 25 °C	
Cable weigth 32,01 g/m	
Material jacket PUR	
Shore hardness jacket 85 ± 5 Shore A	
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free	
Duter-diameter (jacket)4,6 mm	
Folerance outer diameter (sheath)± 5 %	
Material wire insulation PVC	
Amount wires 4	
Duter diameter insulation 1,25 mm	
Duter diameter insulation 1,25 mm	
Duter diameter insulation 1,25 mm   Duter diameter tolerance core insulation ± 5 %   Shore hardness wire insulation 43 ± 5 Shore D   Material properties wire insulation good machinability	
Duter diameter insulation1,25 mmDuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	
Duter diameter insulation   1,25 mm     Duter diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   43 ± 5 Shore D     Material properties wire insulation   good machinability     ngredient freeness wire insulation   lead-free, cadmium-free, CFC-free, silicone-free     Amount strands (wire)   32	
Duter diameter insulation   1,25 mm     Duter diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   43 ± 5 Shore D     Material properties wire insulation   good machinability     ngredient freeness wire insulation   lead-free, cadmium-free, CFC-free, silicone-free     Amount strands (wire)   32     Diameter of single wires   0,1 mm	
Duter diameter insulation   1,25 mm     Duter diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   43 ± 5 Shore D     Material properties wire insulation   good machinability     ngredient freeness wire insulation   lead-free, cadmium-free, CFC-free, silicone-free     Amount strands (wire)   32	

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Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,6 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter

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