

M8 male 90° / M12 female 90° A-cod.

PUR 3x0.25 gy UL/CSA+drag ch. 0.6m

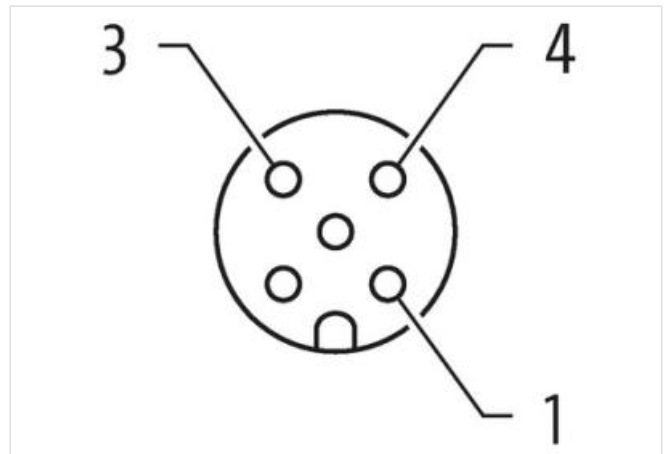
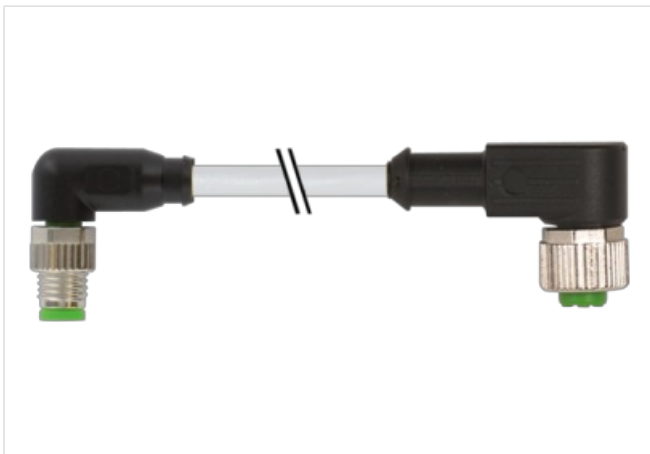
Male 90° – female 90°

M8 – M12, 3-pole

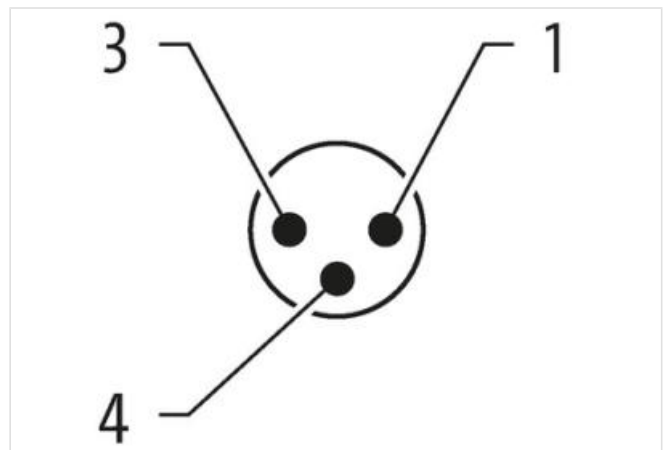
Further cable lengths on request.

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.

[Link to Product](#)**Illustration**

1	BN	1
		2
3	BU	3
4	BK	4





Product may differ from Image



Cable length 0,6 m

Side 1

Tightening torque 0,4 Nm
Family construction form M8
Thread M8 x 1
suitable for corrugated tube (internal Ø) 6,5 mm
Width across flats SW9

Side 2

Tightening torque 0,6 Nm
Family construction form M12
Thread M12 x 1
suitable for corrugated tube (internal Ø) 10 mm
Width across flats SW13

Commercial data

ECLASS-6.0 27061801
customs tariff number 85444290
Packaging unit 1

Electrical data | Supply

Operating voltage AC max. 50 V
Operating voltage DC max. 60 V
Operating voltage AC (UL-listed) 30 V
Operating voltage DC (UL-listed) 30 V
Current operating per contact max. 4 A

Device protection | Electrical

Degree of protection (EN IEC 60529) IP65, IP67, IP68, IP66K
Additional condition protection degree inserted, screwed
Pollution Degree 3
Rated surge voltage 1,5 kV
Material group (IEC 60664-1) I

Mechanical data | Material data

Coating locking Nickerled

Material housing	PUR
Locking material	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating 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	230
Cable Type	3
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Cable weight	26,4 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,1 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 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)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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)	5 x Outer diameter

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-26

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Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m