

M12 male 90° / M8 female 90° A-cod.

PUR 3x0.25 gy UL/CSA+drag ch. 1.5m

Male 90° - female 90°

M12 - M8, 3-pole

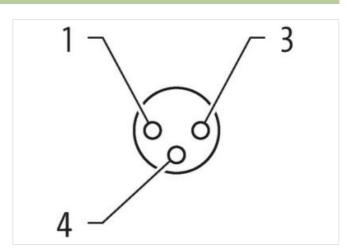
Plastic housings with good resistance against chemicals and oils.

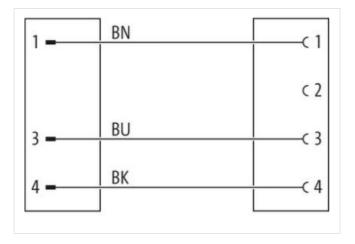
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

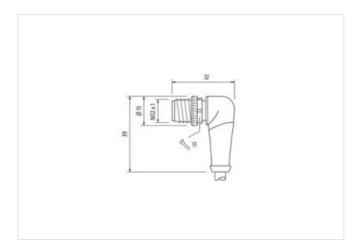
Link to Product

Illustration



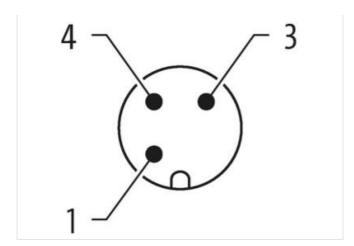


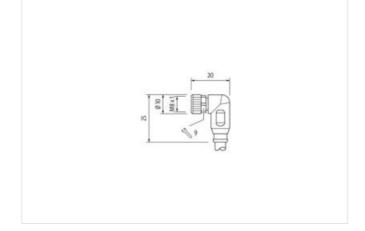






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Product may differ from Image











Family construction form M12 Thread M12 suitable for corrugated tube (internal Ø) 10 m Material PUR Width across flats SW1 Degree of protection (EN IEC 60529) IP66 Side 2 Tightening torque 0,4 N	erted, screwed 2 2 x 1 mm
Mounting method inser Family construction form M12 Thread M12 suitable for corrugated tube (internal Ø) 10 m Material PUR Width across flats SW1 Degree of protection (EN IEC 60529) IP66 Side 2 Tightening torque 0,4 N	erted, screwed 2 2 x 1 mm R
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Thread M12 suitable for corrugated tube (internal Ø) 10 m Material PUR Width across flats SW1 Degree of protection (EN IEC 60529) IP66 Side 2 Tightening torque 0,4 N	2 x 1 mm R /13
suitable for corrugated tube (internal Ø) Material Width across flats Degree of protection (EN IEC 60529) Side 2 Tightening torque 10 m PUR Width across flats SW1 Degree of protection (EN IEC 60529) IP66	mm R /13
Material PUR Width across flats SW1 Degree of protection (EN IEC 60529) IP66 Side 2 Tightening torque 0,4 N	R /13
Width across flats Degree of protection (EN IEC 60529) Side 2 Tightening torque 0,4 N	713
Degree of protection (EN IEC 60529) Side 2 Tightening torque 0,4 N	
Side 2 Tightening torque 0,4 N	6K, IP67
Tightening torque 0,4 N	
0 0 1	
	Nm
Mounting method inser	erted, screwed
Family construction form M8	
Thread M8 x	x 1
suitable for corrugated tube (internal Ø) 6,5 n	mm
Material PUR	R
Width across flats SW9	9
Degree of protection (EN IEC 60529) IP66	6K, IP67
Commercial data	
ECLASS-6.0 2727	279218
ECLASS-7.0 2727	279218
ECLASS-8.0 2727	279218
ECLASS-9.0 2706	060311
ECLASS-10.1 2706	060311
ECLASS-11.1 2706	060311
ECLASS-12.0 2706	060311
ETIM-5.0 EC0	001855
customs tariff number 8544	
GTIN 4048	144290
Packaging unit 1	144290 18879158350
Electrical data Supply	



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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	
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	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
	-25 °C
Operating temperature min.	85 °C
Operating temperature max.	
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 weigth	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) Current load capacity min. wire	to DIN VDE 0298-4

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: 2024-04-25



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