

M12 female 0° A-cod. with cable

PUR 4x0.34 bk UL/CSA+drag ch. 9m

Female straight M12, 4-pole with cable sleeves

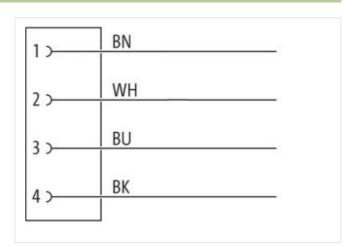
Plastic housings with good resistance against chemicals and oils.

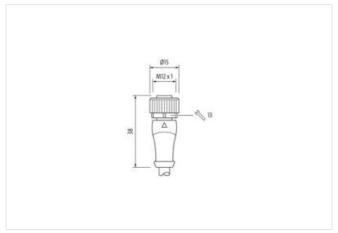
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

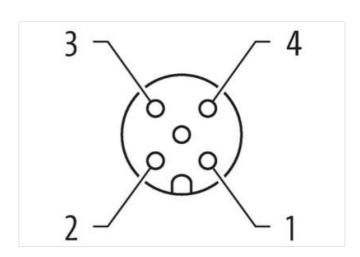
Link to Product

Illustration









Product may differ from Image













Cable length	9 m		
Side 1			
Tightening torque	0,6 Nm		



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Time M12 x 1 colding A Material PUR Width across fats SW13 Degree of protection (EN IEC 60529) PB5, IP68K, IP67 Commercial data ECLASS 6.0 27279218 ECLASS 6.1 27279218 ECLASS 7.0 27279218 ECLASS 9.0 27000311 ECLASS 9.0 27000311 ECLASS 9.0 27000311 ECLASS 9.1 27000311 ECLASS 9.0 27000311 ECLASS 9.0 27000311 ECLASS 9.1 27000311 ECLASS 9.0 27000311 ECLASS 9.0 27000311 ECLASS 9.1 27000311 ECLASS 9.1 27000311 ECLASS 9.0 27000311 ECLASS 9.0 27000311 ECLASS 9.1 27000311 ECLASS 9.0 27000311 ECLASS 9.0 27000311 ECLASS 9.0 27000311 ECLASS 9.0 27000311 ECLASS 9.1 27000311 <th>Mounting method</th> <th>inserted, screwed</th>	Mounting method	inserted, screwed	
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	Note on bending radius		
Product standard DIN EN 61076-2-101 (M12)	Conformity		
	Product standard	DIN EN 61076-2-101 (M12)	

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: 2024-06-26



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Installation Cable	
	brown black blue white
wire arrangement	brown, black, blue, white 634
Cable identification	
Cable Type	3
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	36,3 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)	4,5 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	4
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)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 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 bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min
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