

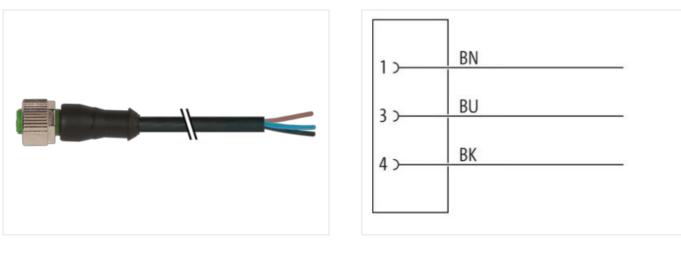
M12 female 0° A-cod. with cable

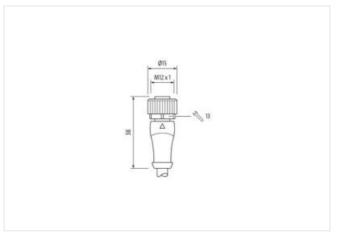
PVC 3x0.34 bk UL/CSA 2m

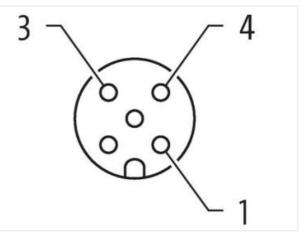
Female straight M12, 3-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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2 m

0,6 Nm



Thread M12 x 1 suitable for corrugated tube (internal 0) 10 mm Coding A Matorial PUR No. of poles 3 With across fultas SW13 Dagree of protection (EN EC 60529) IP65, IP66K, IP67 Side 2 Commercial data 27278/18 ECLASS 6.0 27278/18 ECLASS 7.0 27060311 ETIM 5.0 EC001655 customs taff number 8544280 GTIN 404847213759 Packaging unit 1 Electrical data I Suppit S0 V Operating v	Mounting method	inserted, screwed
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Additional condition temperature range depending on cable quality		
Important installation notes	· -	
	Important installation notes	

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Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	
Conformity		
Product standard	DIN EN 61076-2-101 (M12)	
Installation Cable		
Cable identification	613	
Cable Type	1	
Jacket Color	black	
Type of Certificate	cURus	
Amount stranding	1	
Stranding	3 wires twisted	
wire arrangement	brown, black, blue	
Cable weigth	34,1 g/m	
Material jacket	PVC	
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	
Tolerance outer diameter (sheath)	± 5 %	
Material wire insulation	PVC	
Amount wires	3	
Outer diameter insulation	1,25 mm	
Outer diameter tolerance core insulation	± 5 %	
Shore hardness wire insulation	45 ± 5 Shore D	
Material properties wire insulation	good machinability	
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free	
Amount strands (wire)	19	
Diameter of single wires	0,15 mm	
Conductor crosssection (wire)	0,34 mm ²	
Material conductor wire	Stranded copper wire, bare	
Conductor type (wire)	Strand class 5	
Nominal voltage AC max.	300 V	
Current load capacity (standard)	to DIN VDE 0298-4	
Current load capacity min. wire	6 A	
Electrical resistance line constant wire	57 Ω/km @ 20 °C	
AC withstand voltage (wire - wire)	2 kV @ 60 s	
Power frequency withstand voltage (wire - acket)	2 kV @ 60 s	
Min. operating temperature (static)	-30 °C	
Max. operating temperature (fixed)	0° 08	
Operating temperature min. (dynamic)	-5 °C	
Operating temperature max. (dynamic)	80 °C	
JV resistance	DIN EN ISO 4892-2 A	
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090	
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	

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