

M12 male 0° A-cod. with cable

PVC 5x0.34 bk UL/CSA 0.5m

Male straight A-coded M12, 5-pole

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

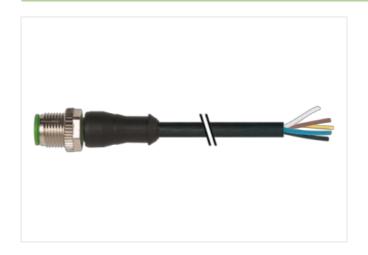
Further cable lengths on request.

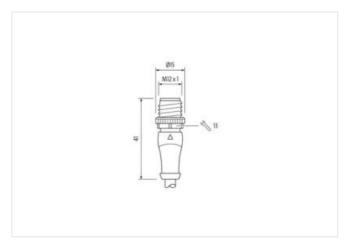
The resistance to aggressive media should be individually tested for your application. Further details on request.

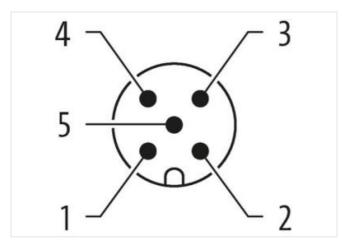
Plastic housings with good resistance against chemicals and oils.

Link to Product

Illustration









Product may differ from Image













Cable length

0,5 m

Side 1

Tightening torque

0,6 Nm

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: 2024-06-23



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Family construction form	Mounting method	inserted, screwed
Trees		`
Subtile for corrugated tube (internal Ø) 10 mm Cable outlat straight Coding A Material PUR No. of poles 5 Widh across fields SW13 Degree of protection (EN IEC 60529) IP65, IP66, IP67 Side 2 Stroping length (jucket) 20 mm Family construction form free cable and Commercial data CCLASS 6.0 27279218 ECLASS 7.0 27279218 CCLASS 7.0 27279218 ECLASS 9.0 27279218 CCLASS 9.0 27279218 ECLASS 9.0 27279218 CCLASS 9.0 27279218 ECLASS 9.0 27060311 CCLASS 9.0 27260311 ECLASS 9.0 27060311 CCLASS 9.0 CCLASS 9.0 ECLASS 9.0 27060311 CCLASS 9.0 CCLASS 9.0 ECLASS 9.0 27060311 CCLASS 9.0 CCLASS 9.0 ECLASS 9.10 27060311 CCLASS 9.0 CCLASS 9.0 ECLASS 9.0 27060311 CCLASS 9.0 CCLASS 9.0 ECLASS 9		
Cable outlet straight Coding A Material PUR No. of poles 5 Worth across flats SW13 Degree of protection (ENIEC 60529) PBS, IF68K, IP67 Side 2 Stripping length (jacket) 20 mm Family construction form fore cable and Commercial data Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2 27060311 ECLASS-1.3 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.2.0 27060311 ECLASS-1.2.1 27060311 ECLASS-1.2.2 27060311 ECLASS-1.2.3 27060311 ECLASS-1.2.4 27060311 ECLASS-1.2.5 27060311 ECLASS-1.2.6 27060311 ECLASS-1.2.1 125 V Operating voltage AC max. </td <td></td> <td></td>		
Coding		
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Family construction form Free cable end	Side 2	
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Operating temperature min25 °C	Mounting method	inserted, screwed, Shaking protection
	Environmental characteristics Climatic	
Operating temperature max. 85 °C	Operating temperature min.	-25 °C
	Operating temperature max.	85 °C

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Important installation notes	
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)
	5.1. 2.1. 0.0. 0 2 .0.1 (iii. 2)
Installation Cable	
wire arrangement	brown, black, blue, white, gray
Cable identification	619
Cable Type	1
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	yes
wire arrangement	brown, black, blue, white, gray
Cable weigth	48,4 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,2 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	5
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
Ingredient 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	4,5 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 - jacket)	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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter