

M12 male 0° / M12 female 90° A-cod.

PUR 3x0.34 bk UL/CSA 2m

⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Male straight - female 90°

M12 - M12, 3-pole

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

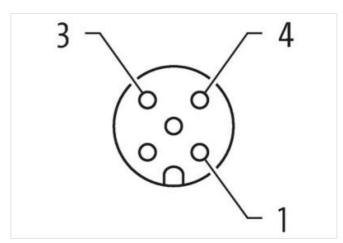
Plastic housings with good resistance against chemicals and oils.

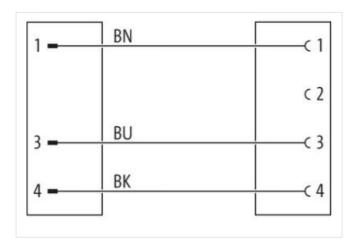
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

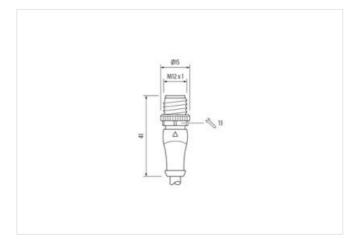
Link to Product

Illustration



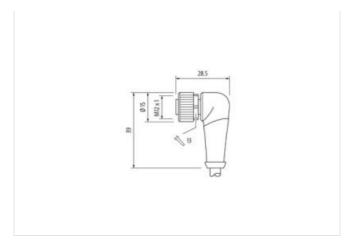


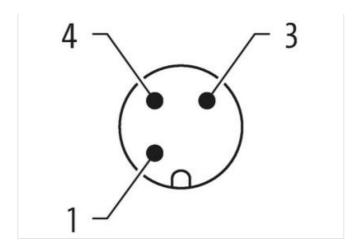






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Product may differ from Image



Cable length





2 m







· ·	
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879179058

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: 2024-05-09



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Current operating per contact max. Installation Connection Mourning set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Ratide surge voilage 2,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coasting of lifting nickel plated Coperating long-rate une nickel plated Coperating long-rature max. 85 °C Coperating temperature max. 85 °C Coperating representative max. 85 °C Coperating temperature max. 85 °C Additional condition temperature range depending on cable quality Important Installation notes Note on stant relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Aftention: Observe the permissible bending radii when laying cables, as the IP protection diass can be ordangered by excessive bending forces. Conformity Product standard DIN En 61076 2-101 (M12) Cable despite (cobe) UL (AWNH-Syle 2054911731), CSA, CE conform Cable despite (cobe) UL (AWNH-Syle 2054911731), CSA, CE conform Cable weight [om] SS, 27 OL mr (multis-stand wire class 6) Diameter (cove) 3-0.3 mm (multis-stand wire class 6) Diameter (cove) 3-0.4 mm (multis-stand wire class 6) Diameter (cove) 3-0.4 mm (multis-stand wire class 6)	Packaging unit	1
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Cable Cable identification 623 Cable Type 2 (PUR/PVC) Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cable weight [g/m] 35,97 g Material wire Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C) Single wire Ø (core) 0.1 mm Construction (core) 42× 0.1 mm (multi-strand wire class 6) Diameter (core) 3× 0.34 mm² AWG similar to AWG 22 Material wire isolation PVC Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 43 ±5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires black similar to RAL 9005 Stranding combination 3 wires twisted Shield no	Conformity	
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Shore hardness wire isolation 43 ±5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires black similar to RAL 9005 Stranding combination 3 wires twisted Shield no	Material wire isolation	PVC
Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires black similar to RAL 9005 Stranding combination 3 wires twisted Shield no	Material property wire insulation	CFC-, cadmium-, silicone- and lead-free
Color/numbering of wires black similar to RAL 9005 Stranding combination 3 wires twisted Shield no	Shore hardness wire isolation	43 ±5 D
Stranding combination 3 wires twisted Shield no	Wire-Ø incl. isolation	1.25 mm ±5%
Shield no	Color/numbering of wires	black similar to RAL 9005
	Stranding combination	3 wires twisted
Material jacket PUR/PVC	Shield	no
	Material jacket	PUR/PVC



stay connected

Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
Shore hardness jacket	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
Outer-Ø (jacket)	4.3 mm ±5%
Color jacket	black
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	UL 300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30+80 °C
Temperature range (mobile)	-5+80 °C
Bending radius (fixed)	10× outer Ø
Bending radius (dynamic)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s ²