

M12 female 90° A-cod. with cable

PUR 5x0.34 bk UL/CSA+drag ch. 1.5m

Female 90° M12, 5-pole

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

with cable sleeves

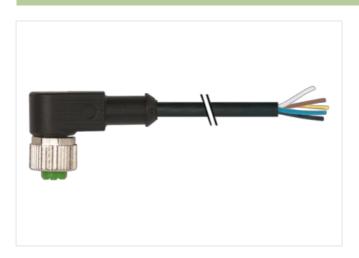
Plastic housings with good resistance against chemicals and oils.

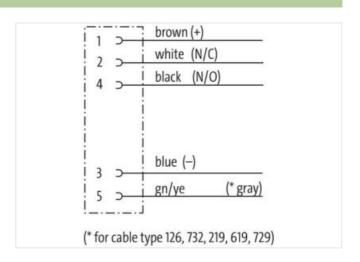
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

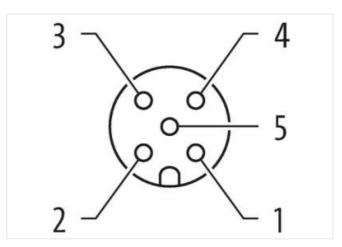
Link to Product

Illustration









Product may differ from Image













Cable length

1,5 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: 2024-05-17



Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding Α PUR Material Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data ECLASS-6.0 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 4048879205498 Packaging unit Electrical data | Supply Operating voltage AC max. 125 V 125 V Operating voltage DC max. Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation | Connection M12 x 1 Mounting set Device protection | Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data | Material data Coating locking Nickeled Coating of fitting nickel plated Zinc die-casting Locking material Material screw connection Zinc die-casting Mechanical data | Mounting data inserted, screwed, Shaking protection Mounting method Environmental characteristics | Climatic Operating temperature min. -25 °C 85 °C Operating temperature max. Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be

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Note on bending radius

Installation | Cable

Conformity Product standard

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DIN EN 61076-2-101 (M12)

endangered by excessive bending forces.



stay connected

Cable Type	Cable identification	635
Type of Certificate	Cable Type	3
Amount stranding 1 Stranding 5 wires around Core filler lwisted Filler yes wire arrangement brown, black, blue, white, green yellow Cable weight 41,8 g/m Material jacket PUR Shore hardness jacket PUR Shore hardness jacket 99.5 Shore A Cuter-diameter (jacket) 4,8 mm Tolerance outer dameter (health) 1.5 % Cuter-diameter (jacket) 4,8 mm Tolerance outer dameter (health) 1.5 % Cuter diameter insulation PP Amount wires 5 Cuter diameter insulation 1,25 mm Cuter diameter insulation 70.5 Shore D Ingredient feeness wire insulation 1,3 mm Cuter diameter insulation 1,4 mm Tolerance swire insulation 1,5 mm Cuter diameter tolerance core insulation 1,5 mm Tolerance swire insulation 1,5 mm Tolerance of single wires 0,1 mm Tolerance of single of	Jacket Color	black
Syranding Syra	Type of Certificate	cURus
Syranding Syra	**	1
Filler yes wire arrangement borown, black, blue, white, green-yellow Able weigh 41,8 gm Material jacket PUR Shore hardness jacket PUR Shore hardness jacket 92,5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) 1,5 % Material wire insulation PP Amount wires 5 Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 1,25 mm Outer diameter of learnness wire insulation 1,25 mm Outer diameter of single wires 1,25 mm Outer diameter 1,25 mm Ou		5 wires around Core filler twisted
wire arrangement brown, black, blue, white, green-yellow Cable weigh 41,8 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) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter insulation 10 ± 5 % Shore hardness wire insulation 10 ± 5 Shore D Ingredient freeness wire insulation 10 ± 5 Shore D Ingredient freeness wire insulation 10 mm All properties of single wires 0,1 mm Conductor prossection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C (Inorizontal Nominal vollage AC max 300 V <t< td=""><td></td><td></td></t<>		
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Tolerance outer diameter (sheath)		
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Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) OPERATING THE STATE ST		2,5 kV @ 60 s
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Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	chemical resistance	
Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Gasoline resistance	Good, application-related testing
Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Oil resistance	Good, application-related testing DIN EN 60811-404
Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Bending radius (fixed)	5 x Outer diameter
Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m		10 Mio. @ 25 °C
Torsion stress ± 180 °/m		2 Mio.
		± 180 °/m
	Torsion speed	35 cycles/min