

M12 male 0° A-cod. with cable

PUR 3x0.34 bk UL/CSA+drag ch. 2.5m

Male straight

M12, 3-pole

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

with cable sleeves

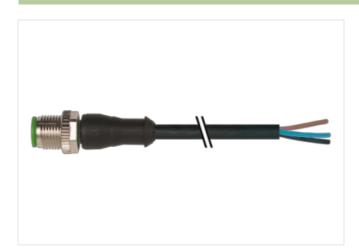
Plastic housings with good resistance against chemicals and oils.

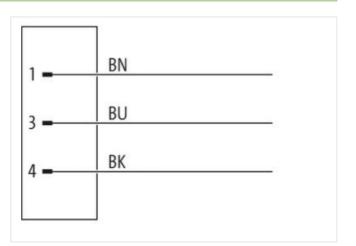
The resistance to aggressive media should be individually tested for your application. Further details on request.

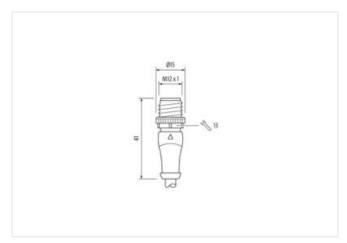
Further cable lengths on request.

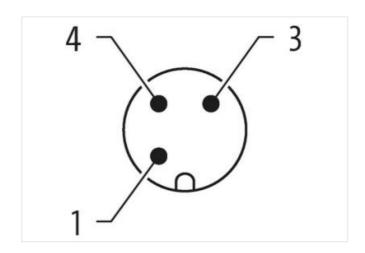
Link to Product

Illustration









Product may differ from Image













Cable length

2,5 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: 2024-05-09



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Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
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	4048879617147
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation Connection	
Stripping length (jacket)	20 mm
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	I.
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
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.
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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.

Product standard
Installation (Cable
Cable identification 633 Cable Type 3 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 29,7 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) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Arount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 1,25 mm Outer diameter insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 16 4 C Conductor crossection (wire) 42
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Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) 2,5 kV @ 60 s -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation
jacket) Min. operating temperature (static) Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation
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 UL 1581 § 1100 FT2 IEC 60332-2-2
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
Travel speed (C-track) 10 Mio. @ 25 °C
No. of torsion cycles 2 Mio.
Torsion stress ± 180 °/m
Torsion speed 35 cycles/min