

M12 female 0° A-cod. with cable V2A

PUR 4x0.34 bk UL/CSA+drag ch. 60m

Female straight

M12, 4-pole

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

Stainless steel 1.4305 (V2A)

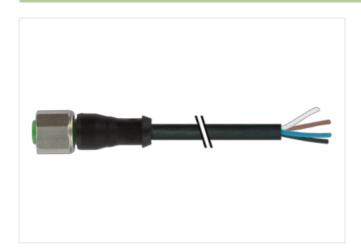
Plastic housings with good resistance against chemicals and oils.

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

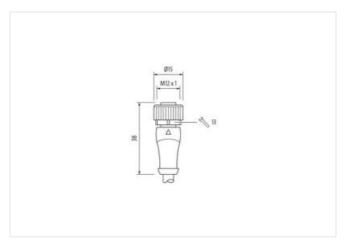
Further cable lengths on request.

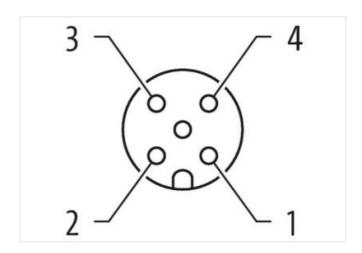
Link to Product

Illustration









Product may differ from Image





60 m Cable length

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: 2024-05-01



M12 Family construction form M12 x 1 Thread suitable for corrugated tube (internal Ø) 10 mm Width across flats SW13 Degree of protection (EN IEC 60529) 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 27060311 ECLASS-11.1 ECLASS-12.0 27060311 ETIM-5.0 EC001855 85444290 customs tariff number GTIN 4048879809672 Packaging unit Electrical data | Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V 30 V Operating voltage DC (UL-listed) Current operating per contact max. 4 A Device protection | Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Material group (IEC 60664-1) Mechanical data | Material data Material housing **PUR** Locking material Stainless steel 1.4305 (V2A) Mechanical data | Mounting data Mounting method inserted, screwed, Shaking protection 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 Note on bending radius endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation | Cable Cable identification 634 Cable Type 3 Jacket Color black Type of Certificate cURus Amount stranding 1 4 wires twisted Stranding wire arrangement brown, black, blue, white

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Flame resistance

chemical resistance

Gasoline resistance

Bending radius (fixed)

No. of torsion cycles

Torsion speed

Torsion stress

Bending radius (dynamic)

No. of bending cycles (C-track)

Oil resistance



Cable weigth	36,3 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)	4,5 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
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

UL 1581 § 1090 | IEC 60332-2-2 | UL 1581 § 1100 FT2

Good, application-related testing | DIN EN 60811-404

Good, application-related testing

Good, application-related testing

5 x Outer diameter

10 x Outer diameter

10 Mio. @ 25 °C

35 cycles/min

± 180 °/m

2 Mio.