

M12 male 0° A-cod. with cable

PUR 5x0.34 ye UL/CSA+drag ch. 30m

Male straight A-coded

M12, 5-pole

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

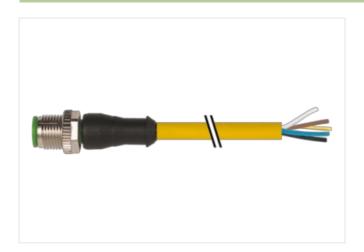
Further cable lengths on request.

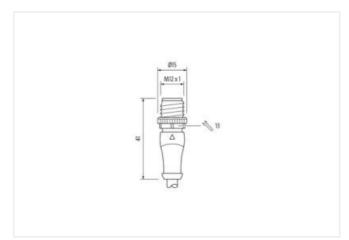
The resistance to aggressive media should be individually tested for your application. Further details on request.

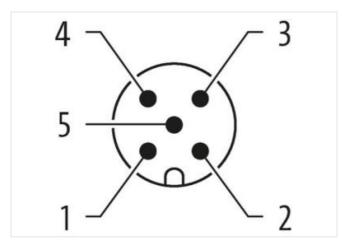
Plastic housings with good resistance against chemicals and oils.

Link to Product

Illustration









Product may differ from Image













Cable length

30 m

Side 1

Tightening torque

0,6 Nm



stay connected

| 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 C ECLASS 6.0 27279218 ECLASS 7.0 27279218 ECLASS 9.0 27279218 ECLASS 9.0 27200311 ECLASS 9.0 2700311 ECLASS 9.0 2700311 ECLASS 9.0 2700311 ECLASS 11 2700311 ECLASS 12.0 2700311 ECLASS 19.1 2700311 ECLASS 19.0 ECOTIRES COLASS 10.1 2700311 ECLASS 10.2 ECOTIRES COTIN 40 4887921739S Peckagning unit 1 Electrical data Supply Operating voltage AC max. 12 | | |
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| Coding | | |
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| Family construction form Free cable end | Side 2 | |
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| Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C | | |
| Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C | Material screw connection | Zinc die-casting |
| Environmental characteristics Climatic Operating temperature min25 °C | Mechanical data Mounting data | |
| 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 |



stay connected

| 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. |
| 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) |
| Installation Cable | |
| · | have blad blanching |
| wire arrangement | brown, black, blue, white, gray |
| Cable identification | 126 |
| Cable Type Jacket Color | 3 valley |
| Type of Certificate | vellow cURus |
| Amount stranding | 1 |
| Stranding | 5 wires around Core filler twisted |
| Filler | |
| wire arrangement | yes brown, black, blue, white, gray |
| Cable weigth | 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 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 |
| | 300 V |
| Nominal voltage AC max. Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 4,5 A |
| Electrical resistance line constant wire | 4,5 A 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 |
| Flame resistance | UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 |
| 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 |
| No. of bending cycles (C-track) | 10 Mio. @ 25 °C |
| 3 - 7 () | |
| Traversing distance (C-track) | 10 m @ 25 °C horizontal |

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: 2024-06-26



| No. of torsion cycles | 2 Mio. | |
|-----------------------|---------------|--|
| Torsion stress | ± 180 °/m | |
| Torsion speed | 35 cycles/min | |