

stay connected

M12 female 0° A-cod. with cable

PVC 5x0.34 gy UL/CSA 5m

Female straight M12, 5-pole A-coded

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

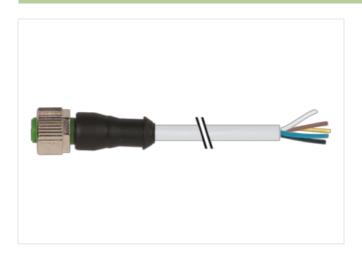
Plastic housings with good resistance against chemicals and oils.

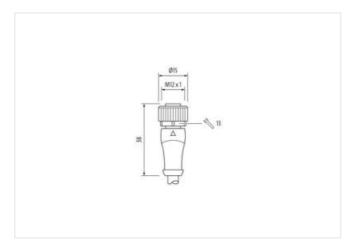
The resistance to aggressive media should be individually tested for your application. Further details on request.

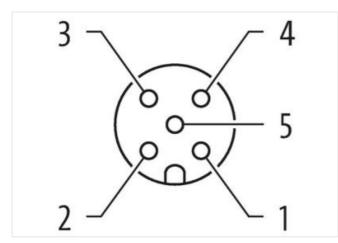
Further cable lengths on request.

Link to Product

Illustration









Product may differ from Image













Cable length

5 m

Side 1

Tightening torque

0,6 Nm

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Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-02



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| Coating contract gold paleed Firming construction form M12 Thread M12 x 1 suitable for corrugated tube (infernal 9) 10 mm Cable custed Cape at alxy Material PUR No. of police 5 Width scross flats SW13 Begins of protection (EN IEC 60529) IPS, PEGK, IP67 Side 2 Stripping langth (jacket) Stripping langth (jacket) 20 mm Coating contract gold plated Family construction from fine or capit end CELASS 6.0 27279218 ECLASS 6.0 27279218 ECLASS 7.0 27278218 ECLASS 8.0. 27279218 ECLASS 8.0. 27279218 ECLASS 9.0 27279218 ECLASS 9.0 27279218 ECLASS 9.1 27279218 ECLASS 9.1 27279218 ECLASS 9.1 27260311 ECLASS 9.1 27260311 ECLASS 9.1 27260311 ECLASS 9.1 27260311 | Mounting method | inserted, screwed |
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| Locking material Zinc die-casting Material screw connection Zinc die-casting | Material gasket | · |
| Material screw connection Zinc die-casting | Locking material | Zinc die-casting |
| | Material screw connection | |
| | Mechanical data Mounting data | |

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: 2024-06-02



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| 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. |
| Note on bending radius | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be |
| Conformity | endangered by excessive bending forces. |
| | DIN FN 61076 2 101 (M12) |
| Product standard | DIN EN 61076-2-101 (M12) |
| Installation Cable | |
| wire arrangement | brown, black, blue, white, gray |
| Cable identification | 219 |
| Cable Type | 1 |
| Jacket Color | gray |
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 5 wires around Core filler twisted |
| Filler | yes |
| vire arrangement | brown, black, blue, white, gray |
| Cable weigth | 48,4 g/m |
| Material jacket | PVC |
| Shore hardness jacket | 85 ± 5 Shore A |
| reedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, silicone-free |
| Outer-diameter (jacket) | 5,2 mm |
| Folerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | PVC |
| Amount wires | 5 |
| Outer diameter insulation | 1,25 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Shore hardness wire insulation | 45 ± 5 Shore D |
| Material properties wire insulation | good machinability |
| ngredient freeness wire insulation | lead-free, cadmium-free, CFC-free, silicone-free |
| Amount strands (wire) | 19 |
| Diameter of single wires | 0,15 mm |
| Conductor crosssection (wire) | 0,34 mm² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | Strand class 5 |
| Nominal voltage AC max. | 300 V |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 4,5 A |
| Electrical resistance line constant wire | 57 Ω/km @ 20 °C |
| AC withstand voltage (wire - wire) | 2 kV @ 60 s |
| Power frequency withstand voltage (wire - acket) | 2 kV @ 60 s |
| Min. operating temperature (static) | -30 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -5 °C |
| Operating temperature max. (dynamic) | 80 °C |
| Flame resistance | IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 |
| chemical resistance | Good, application-related testing |



| Gasoline resistance | Good, application-related testing |
|--------------------------|--|
| Oil resistance | DIN EN 60811-404 Good, application-related testing |
| Bending radius (fixed) | 5 x Outer diameter |
| Bending radius (dynamic) | 10 x Outer diameter |