

M12 male 0° A-cod. with cable shielded

PUR 4x0.34 shielded gy 6m

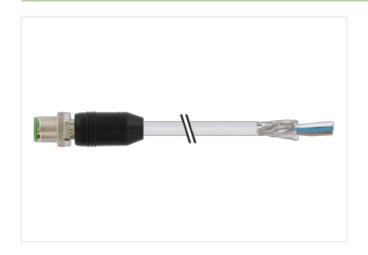
Male straight M12, 4-pole A-coded shielded

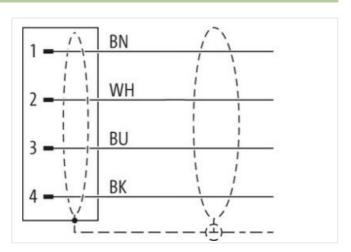
Plastic housings with good resistance against chemicals and oils.

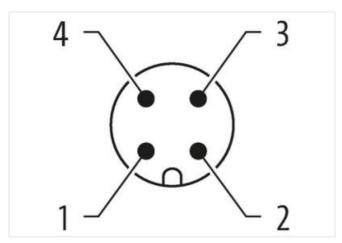
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

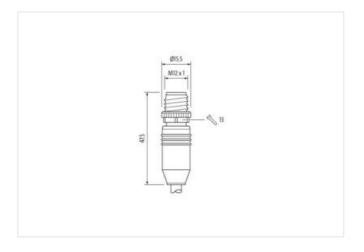
Link to Product

Illustration









Product may differ from Image









Cable length

6 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: 2024-05-05



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| Description Control | Mounting method | inparted coround |
|--|--|---------------------------------------|
| Provided | Mounting method | inserted, screwed |
| Tread | | |
| Design A Mailurial contact Coppor alloy Month across flats 4 No. of poles 4 Morth across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 SW19ping length (jacket) SProping length (jacket) 20 mm Contract Gold plated Commercial date CCLASS 8.0 ECLASS 8.0 2727818 ECLASS 8.1 2727818 ECLASS 8.0 2727818 ECLASS 8.0 2727818 ECLASS 8.0 2727818 ECLASS 8.0 27060311 ECLASS 8.1.1 27060311 ECLASS 1.0.1 27060311 ECLASS 1.0.2 27060311 ECLASS 1.0.3 27060311 ECLASS 1.0.4 27060311 ETIM 5.0 ECODI 855 EVERY STATE | | |
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| Conting contact gold plated | | 1F03, 1F00K, 1F07 |
| Conting contact gold plated | Stripping length (iacket) | 20 mm |
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| Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Cocking material Atterial screw connection Atterial screw | Rated surge voltage | 1,5 kV |
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| Operating temperature min25 °C Operating temperature max. 85 °C | Mounting method | inserted, screwed, Shaking protection |
| Operating temperature max. 85 °C | Environmental characteristics Climatic | |
| | Operating temperature min. | -25 °C |
| Additional condition temperature range depending on cable quality | Operating temperature max. | 85 °C |
| | Additional condition temperature range | depending on cable quality |

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| 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 | |
| · | 331 |
| Cable identification | |
| lacket Color Amount stranding | gray 1 |
| Stranding | 4 wires twisted |
| Banding | Fleece, Foil |
| | · |
| vire arrangement | brown, black, blue, white |
| raversing distance (C-track) | 5 m @ 25 °C |
| Material jacket | PUR SELE Share A |
| shore hardness jacket | 85 ± 5 Shore A |
| reedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, silicone-free |
| Outer-diameter (jacket) | 5,9 mm |
| olerance outer diameter (sheath) | ±5% |
| Material inner jacket | PVC |
| Color (inner jacket) | gray |
| Material wire insulation | PVC |
| amount wires | 4 |
| Outer diameter insulation | 1,4 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| hore hardness wire insulation | 85 ± 5 Shore A |
| ngredient freeness wire insulation | lead-free, cadmium-free, CFC-free, silicone-free |
| mount strands (wire) | 42 |
| Diameter of single wires | 0,1 mm |
| Conductor crosssection (wire) | 0,34 mm² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| Max. rated voltage (conductor - conductor) | 350 V |
| Max. rated voltage (conductor - ground) | 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 kV @ 60 s |
| Power frequency withstand voltage (wire - acket) | 2 kV @ 60 s |
| AC withstand voltage (wire - shield) | 1,5 kV @ 60 s |
| fin. operating temperature (static) | -30 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -5 ℃ |
| Operating temperature max. (dynamic) | 70 °C |
| Flame resistance | UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 |
| hemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Dil resistance | Good, application-related testing DIN EN 60811-404 |
| Bending radius (installation) | x Outer diameter |
| Bending radius (fixed) | 10 x Outer diameter |
| Bending radius (dynamic) | 15 x Outer diameter |
| Fravel speed (C-track) | 0,1 Mio. @ 25 °C |