

M12 male 90° A-cod. with cable shielded

PUR 5x0.34 shielded gy UL/CSA+drag ch. 2m

Male 90° M12, 5-pole shielded A-coded

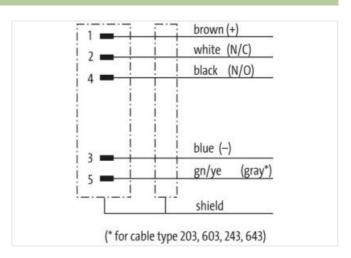
Plastic housings with good resistance against chemicals and oils.

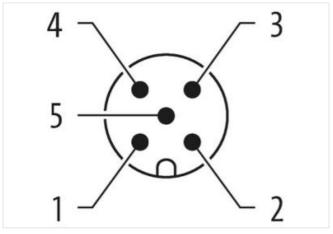
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

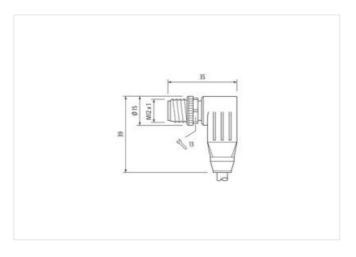
Link to Product

Illustration









Product may differ from Image













Cable length

2 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: 2024-05-20



stay connected

| gold plated M12 M12 x 1 A Copper alloy PUR SW13 P65, IP66K, IP67 gold plated 27279218 27279218 27279218 27279218 27279318 27060311 27060311 27060311 27060311 27060311 27060311 27060311 27060311 27060311 27060311 27060311 27060311 |
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| |
| |
| |
| |
| 60 V |
| 60 V |
| 30 V |
| 30 V |
| 4 A |
| |
| M12 x 1 |
| |
| inserted, screwed |
| 3 |
| 1,5 kV |
| |
| |
| Nickeled |
| nickel plated |
| Zinc die-casting |
| Zinc die-casting |
| |
| inserted, screwed, Shaking protection |
| |
| -25 °C |
| 95 °C |
| depending on cable quality |
| |
| 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 |
| 60 60 31 31 4 4 M M M M M M M M M M M M M M M M M |

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stay connected

| Conformity | |
|---|--|
| Product standard | DIN EN 61076-2-101 (M12) |
| Installation Cable | |
| Cable identification | 243 |
| Cable Type | 3 |
| Jacket Color | gray |
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 5 wires around Core filler twisted |
| Cable shielding (type) | copper braid, tinned |
| Cable shielding (coverage) | 80 % |
| Banding | Fleece, Foil |
| Filler | yes |
| wire arrangement | brown, black, blue, white, gray |
| Cable weigth | 57,2 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) | 5,6 mm |
| Tolerance outer diameter (sheath) | ±5% |
| Material wire insulation | PP |
| Amount wires | 5 |
| 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 mm² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| Traversing distance (C-track) | 5 m @ 25 °C horizontal |
| Nominal voltage AC max. | 300 V |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 4,5 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 - jacket) | 2 kV @ 60 s |
| AC withstand voltage (wire - shield) | 2 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 | IEC 60332-2-2 UL 1581 § 1100 FT2 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 |
| | 5 Mio. @ 25 °C |
| Travel speed (C-track) | 5 MIO. @ 25 °C |
| | 2 Mio. |
| Travel speed (C-track) No. of torsion cycles Torsion stress | |