

M12 female 90° A-cod. with cable shielded

PUR 5x0.34 shielded gy 15m

Female 90° M12, 5-pole shielded with cable sleeves

Plastic housings with good resistance against chemicals and oils.

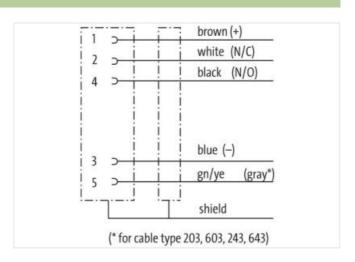
The resistance to aggressive media should be individually tested for your application. Further details on request.

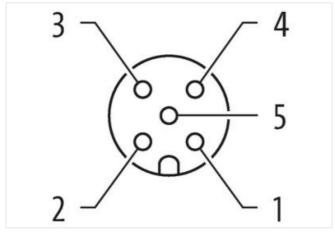
Further cable lengths on request.

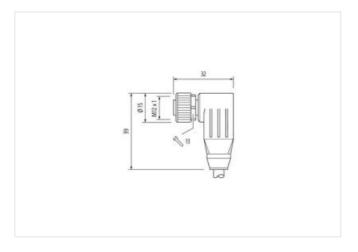
Link to Product

Illustration









Product may differ from Image











Cable length

15 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: 2024-05-18



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| Mounting method inserted, screwed, Shaking protection | | Zinc die-casting |
| | Mechanical data Mounting data | |
| Environmental characteristics Climatic | Mounting method | inserted, screwed, Shaking protection |
| | Environmental characteristics Climatic | |



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| 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 endangered by excessive bending forces. |
| Conformity | |
| Product standard | DIN EN 61076-2-101 (M12) |
| | 514 E14 01070 2 107 (W12) |
| Installation Cable | |
| Cable identification | 349 |
| Jacket Color | gray |
| Amount stranding | 1 |
| Stranding | 5 wires around Core filler twisted |
| Cable shielding (type) | copper braid, tinned |
| Cable shielding (coverage) | 85 % |
| Banding | Fleece, Foil |
| Filler | yes |
| wire arrangement | brown, black, blue, white, green-yellow |
| Cable weigth | 59,4 g/m |
| Material jacket | PUR |
| Shore hardness jacket | 85 ± 5 Shore A |
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free |
| Outer-diameter (jacket) | 5,9 mm |
| Tolerance outer diameter (sheath) | ±5% |
| Material inner jacket | PVC |
| Color (inner jacket) | gray |
| Material wire insulation | PVC |
| Amount wires | 5 |
| Outer diameter insulation | 1,45 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Shore hardness wire insulation | 85 ± 5 Shore A |
| Material properties wire insulation | good machinability |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-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) | 5 m @ 25 °C |
| 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 | 4,5 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) | 1,5 kV @ 60 s |
| Min. operating temperature (static) | -40 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -5 ℃ |
| Operating temperature max. (dynamic) | 70 °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) | 10 x Outer diameter |
| Bending radius (dynamic) | 15 x Outer diameter |
| Travel speed (C-track) | 0,1 Mio. @ 25 °C |