

M12 male 90° A-cod. with cable shielded

PUR 5x0.34 shielded gy 15m

Male 90° M12, 5-pole shielded A-coded

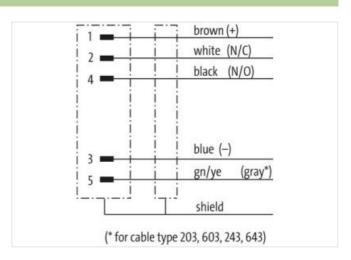
Plastic housings with good resistance against chemicals and oils.

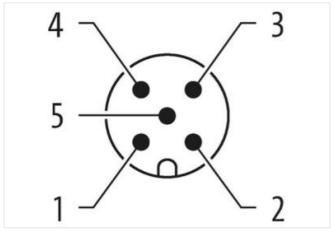
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

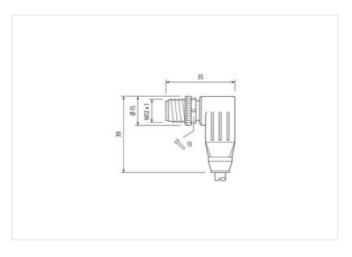
Link to Product

Illustration









Product may differ from Image











Cable length

15 m

Side 1

Tightening torque

0,6 Nm

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| Coating content gold plated Family construction form M12 Thread M12 x 1 Coding A Material PUR Width across files SW13 Degree of protection (EN IEC 60528) IP65, IP60K, IP67 Side 2 Containg content Coating content gold plated Commercial data 27279218 ECLASS-0.0 27279218 ECLASS-0.0 27279218 ECLASS-0.0 27279218 ECLASS-0.1 27560311 ECLASS-1.0 27660311 ECLASS-1.1 27660311 ECLASS-1.2 27660311 ECLASS-1.2 27660311 ECLASS-1.2 27660311 ETIM-5.0 E001855 Cuculonts start number 8544290 GTIN 4048878200431 Electrical datas Supply Operating voltage AC max. 60 V Current operating per context max. 4 A Installation Connection 15 NV Auditional condition protection Electr | Mounting method | inserted, screwed |
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| Thread | | <u> </u> |
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| | Note on bending radius | |
| Product standard DIN EN 61076-2-101 (M12) | Conformity | |
| | Product standard | DIN EN 61076-2-101 (M12) |

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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| Installation Cable | |
|---|--|
| • | 0.40 |
| 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 |
| Traversing distance (C-track) | 5 m @ 25 °C |
| 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 |
| Max. rated voltage (conductor - conductor) | 350 V |
| Max. rated voltage (conductor - conductor) 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 |
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