

M12 male 90° A-cod. with cable shielded

PVC 5x0.34 shielded gy 1.5m

Male 90° M12, 5-pole shielded A-coded

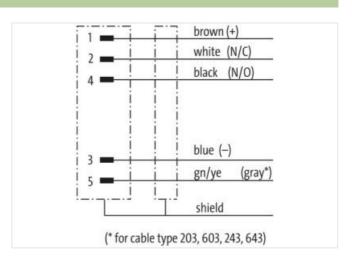
Plastic housings with good resistance against chemicals and oils.

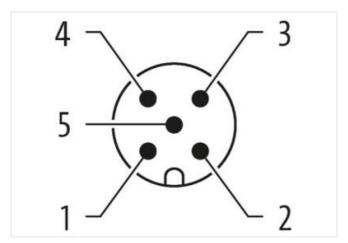
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

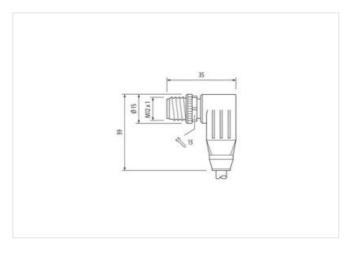
Link to Product

Illustration









Product may differ from Image











Cable length

1,5 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: 2024-05-06



stay connected

| International Content Inte | Mounting method | inserted, screwed |
|--|--|---|
| Family construction form M12 Throad M12 1 Coding A Material contact Copper alloy Width account of the EC 60529 PDE, FREEK, FREEK Width account of EC 60529 PPES, FREEK, FREEK Side 2 Continue contact Gold plated Commercial date ECI.ASS-6.0 27279218 ECI.ASS-7.0 27279218 ECI.ASS-7.0 27279218 ECI.ASS-8.0 27279218 ECI.ASS-9.0 27090011 ECI.ASS-9.0 27090011 ECI.ASS-10.1 27090011 ECI.ASS-10.2 27090011 ECI.ASS-10.2 27090011 ECI.ASS-10.2 27090011 ECI.ASS-10.2 27090011 ECI.ASS-10.2 27090011 ITIM-5.0 6 COUNTRY Country of Colspan Interfact data Isolated Accountry 4 A ITIM-5.0 4 A A | - | · · · · · · · · · · · · · · · · · · · |
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| Coding A Material contact Copporality Material contact Copporation Wich across flats SW13 Degree of proteion (ENE 08029) IP85, P66K IP67 Side 2 Coating contact go plated Coating contact ECLASS-6.0 2779218 ECLASS-7.0 2779218 ECLASS-9.0 2779218 ECLASS-9.0 <th< td=""><td></td><td></td></th<> | | |
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| endangered by excessive bending forces. Conformity | 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 | |
| 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: 2024-05-06



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| Installation Cable | |
|---|--|
| Cable identification | 348 |
| Jacket Color | gray |
| Amount stranding | 1 |
| Stranding | 5 wires around Core filler twisted |
| Stranding factor min. | 75 mm |
| Stranding factor max. | 75 mm |
| Cable shielding (type) | copper braid, tinned |
| Cable shielding (coverage) | 85 % |
| Banding | Foil |
| Filler | yes |
| wire arrangement | brown, black, blue, white, green-yellow |
| Cable weigth | 72,05 g/m |
| Material jacket | PVC |
| Shore hardness jacket | 75 Shore A |
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free |
| Outer-diameter (jacket) | 5,9 mm |
| Tolerance outer diameter (sheath) | ±5% |
| Material wire insulation | PVC |
| Amount wires | 5 |
| Outer diameter insulation | 1,4 mm |
| Outer diameter tolerance core insulation | ±5% |
| Shore hardness wire insulation | 85 Shore A |
| Ingredient freeness wire insulation | lead-free, CFC-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) | 500 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) | 1,5 kV @ 60 s |
| Power frequency withstand voltage (wire - jacket) | 1,5 kV @ 60 s |
| AC withstand voltage (wire - shield) | 1,5 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) | 70 °C |
| Flame resistance | UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | Good, application-related testing DIN EN 60811-404 |
| Bending radius (dynamic) | 15 x Outer diameter |