

M12 female 0° A-cod. with cable shielded

PVC 5x0.34 shielded bk UL/CSA 20m

M12, 5-pole Female straight shielded

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

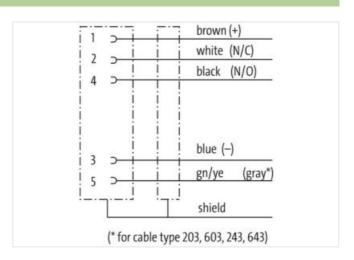
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

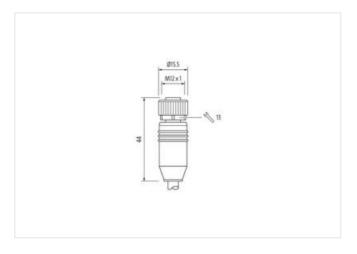
Link to Product

Illustration









Product may differ from Image













Cable length

20 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: 2024-05-19



stay connected

| Thread ME2 x Threa | Mounting method | inserted, screwed |
|--|--|---------------------------------------|
| Timed M12 ±1 Cubin outlet straight Cuding A Millerard PUR Within across flass SW13 Degree of protection (EN IEC 00529) PD6, FP0K, IPC7 Stripping length (jacket) 20 mm Commercial data ECLASS 6.0 27792/18 ECLASS 7.0 27792/18 ECLASS 8.0 27792/18 ECLASS 9.0 27090/11 ECLASS 9.0 27090/11 ECLASS 1.1 27090/11 ECLASS 1.2.0 27090/11 ECLASS 1.1 27090/11 ECLASS 1.2.0 27090/11 ECLASS 1.1 40098/796/12 Packaging unit 1 Electrical data I Supply Operating voltage AC max. 80 V Operating voltage AC max. 80 V Operating voltage AC max. 80 V Operating voltage AC max. 4A Institution Connection 30 V Operating voltage AC ULL-stead; 30 V Operating voltage AC UL | | · · · · · · · · · · · · · · · · · · · |
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| Modifications Table Tabl | | |
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| Stripping length (jacker) 20 mm | | 1703, 1700K, 1707 |
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stay connected

| 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) |
| | DIN EN 01070-2-101 (M12) |
| Installation Cable | |
| Cable identification | 603 |
| Cable Type | 1 |
| Jacket Color | black |
| Гуре 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 | 68,2 g/m |
| Material jacket | PVC |
| Shore hardness jacket | 85 ± 5 Shore A |
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, silicone-free |
| Outer-diameter (jacket) | 5,6 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | PVC |
| Amount wires | 5 |
| Outer diameter insulation | 1,25 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Shore hardness wire insulation | 45 ± 5 Shore D |
| Material properties wire insulation | good machinability |
| ngredient freeness wire insulation | lead-free, cadmium-free, CFC-free, silicone-free |
| Amount strands (wire) | 19 |
| Diameter of single wires | 0,15 mm |
| Conductor crosssection (wire) | 0,34 mm ² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | Strand class 5 |
| 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 - acket) | 2 kV @ 60 s |
| AC withstand voltage (wire - shield) | 2 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) | 80 °C |
| JV resistance | DIN EN ISO 4892-2 A |
| Flame resistance | UL 1581 § 1090 UL 1581 § 1100 FT2 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 |