

M12 female 0° A-cod. with cable shielded

PUR 5x0.34 shielded gy UL/CSA+drag ch. 3m

M12, 5-pole Female straight shielded

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

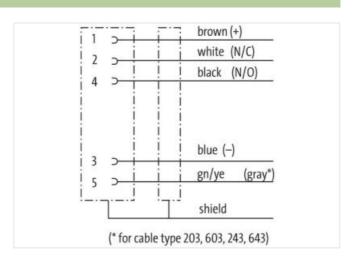
The resistance to aggressive media should be individually tested for your application. Further details on request.

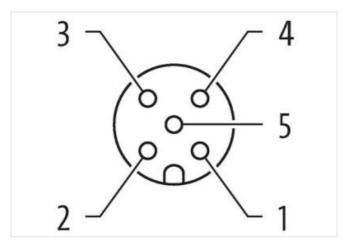
Further cable lengths on request.

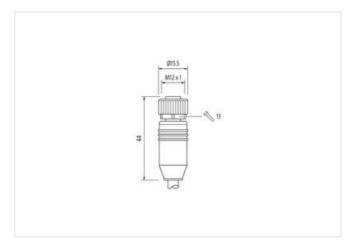
Link to Product

Illustration









Product may differ from Image













Cable length

3 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: 2024-05-04



stay connected

| Family construction from M12 x | Mounting method | inserted, screwed |
|--|--|---------------------------------------|
| Tread M12 x 1 Coding A Material PUR Wich across files SW13 Degree of protection (EN ISC 00528) PG6, FROK, IP07 Stripping length (jacket) 20 mm Commercial data ECLASS 6.0 27279218 ECLASS 7.0 27279218 ECLASS 8.0 27279218 ECLASS 9.0 27090311 ECLASS 1.1 27090311 ECLASS 1.2.0 27090311 ECLASS 1.2.0 27090311 ECLASS 1.1 27090311 ECLASS 1.2.0 12001853 GTIN 404887981231 Packaging unit 1 Electrical data [Supply Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC (UL-steel) 30 V Operating | | |
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| Additional condition temperature range depending on cable quality | | 85 °C |
| | | depending on cable quality |
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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: 2024-05-04



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| | Attention: Obcano the permissible heading radii when leving achies as the ID greatestics also as the |
|--|---|
| 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) |
| 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 (type) | 80 % |
| Banding | Fleece, Foil |
| Filler | |
| | yes |
| vire arrangement Fraversing distance (C-track) | brown, black, blue, white, gray |
| o (, | 5 m @ 25 °C horizontal |
| Cable weigth | 57,2 g/m |
| Material jacket | PUR |
| Shore hardness jacket | 90 ± 5 Shore A |
| reedom 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 |
| ngredient 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 mm ² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| 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) | -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 |
| Travel speed (C-track) | 5 Mio. @ 25 °C |



| No. of torsion cycles | 2 Mio. | |
|-----------------------|---------------|--|
| Torsion stress | ± 30 °/m | |
| Torsion speed | 35 cycles/min | |