

MQ12 female 0° A-cod. with cable

PUR 5x0.34 bk UL/CSA+drag ch. 1m

Female straight MQ12, 5-pole with cable sleeves

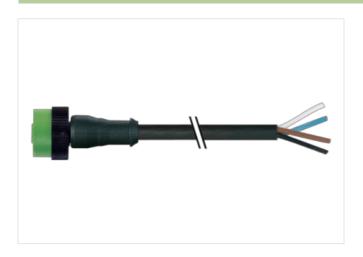
Further cable lengths on request.

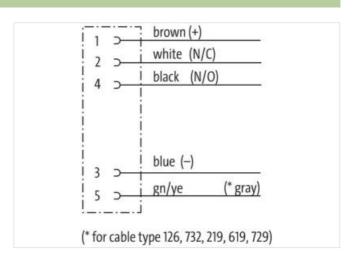
Plastic housings with good resistance against chemicals and oils.

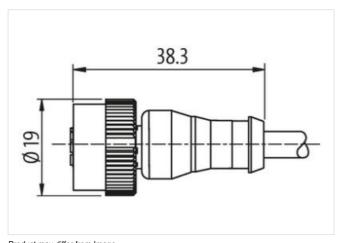
The resistance to aggressive media should be individually tested for your application. Further details on request.

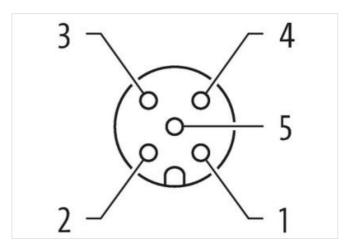
Link to Product

Illustration









Product may differ from Image





| Cable length | 1 m |
|--------------------------|------|
| Side 1 | |
| Family construction form | MQ12 |
| Coding | A |



| Side 2 Strippin leght (lickets) 20 mm Commercial date ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27090311 ECLASS-1.1 27003311 ECLASS-1.1.1 27003311 ECLASS-1.1.2 27003311 ECLASS-1.2.0 2700311 ETIM-5.0 EC01956 CRIMST-1.0 49487345709 Packaging unt 49487345709 Packaging unt 155 V Operating voltage DC max. 125 V Operating voltage DC (IU-listed) 30 V Operating voltage DC (IU-listed) 30 V Stable indication LED 10 mm Device protection [Electrical Additional condition protection degree 3 Read augu voltage 1,5 kV Mechanical data [Mounting data< | No. of poles | 5 |
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| Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted | Cable Type | 3 |
| Amount stranding 1 Stranding 5 wires around Core filler twisted | Jacket Color | black |
| Amount stranding 1 Stranding 5 wires around Core filler twisted | Type of Certificate | cURus |
| | Amount stranding | 1 |
| Filler yes | Stranding | 5 wires around Core filler twisted |
| | Filler | yes |

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: 2024-05-20



| wire arrangement | brown, black, blue, white, gray |
|---|--|
| Cable weigth | 41,8 g/m |
| Material jacket | PUR |
| Shore hardness jacket | 90 ± 5 Shore A |
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket) | 4,8 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 |
| Ingredient 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 mm² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| Traversing distance (C-track) | 10 m @ 25 °C horizontal |
| 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) | 2,5 kV @ 60 s |
| Power frequency withstand voltage (wire - jacket) | 2,5 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 |
| UV 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 | DIN EN 60811-404 Good, application-related testing |
| Bending radius (fixed) | 5 x Outer diameter |
| Bending radius (dynamic) | 10 x Outer diameter |
| Travel speed (C-track) | 10 Mio. @ 25 °C |
| No. of torsion cycles | 2 Mio. |
| Torsion stress | ± 180 °/m |
| Torsion speed | 35 cycles/min |