

M12 female 0° A-cod. with cable

PUR 4x0.34 bk UL/CSA+drag ch. 40m

Female straight M12, 4-pole

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

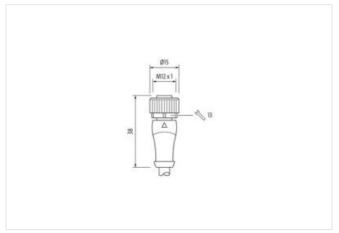
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

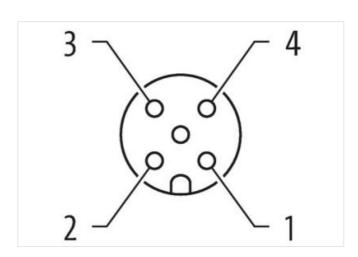
Link to Product

Illustration









Product may differ from Image













Cable length

40 m

Side 1

Tightening torque 0,6 Nm



Mounting method inserted, screwed M12 Family construction form Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding Α Material PUR Width across flats SW13 IP65, IP66K, IP67 Degree of protection (EN IEC 60529) Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 85444290 customs tariff number GTIN 4048879830683 Packaging unit Electrical data | Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V 30 V Operating voltage AC (UL-listed) Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation | Connection Mounting set M12 x 1 Device protection | Electrical Additional condition protection degree inserted, screwed Pollution Degree Rated surge voltage 2,5 kV Material group (IEC 60664-1) I Mechanical data | Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data | Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics | Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation | Cable Cable identification 661 Cable Type 3



stay connected

| Jacket Color | black |
|---|--|
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 4 wires twisted |
| wire arrangement | brown, black, blue, white |
| No. of bending cycles (C-track) | 5 Mio. @ 25 °C |
| Cable weigth | 37,4 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) | 5,1 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | PP |
| Amount wires | 4 |
| Outer diameter insulation | 1,45 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Shore hardness wire insulation | 65 ± 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 mm ² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| Traversing distance (C-track) | 5 m @ 25 °C horizontal |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 4,8 A |
| Electrical resistance line constant wire | 60 Ω/km @ 20 °C |
| Nominal voltage power AC max. | 600 V |
| Power frequency withstand voltage power (wire - jacket) | 6 kV @ 60 s |
| AC withstand voltage power (wire - wire) | 6 kV @ 60 s |
| Min. operating temperature (static) | -40 °C |
| Max. operating temperature (fixed) | 90 °C |
| Operating temperature min. (dynamic) | -25 °C |
| Operating temperature max. (dynamic) | 90 °C |
| UV resistance | DIN EN ISO 4892-2 A |
| 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 | Good, application-related testing DIN EN 60811-404 |
| Bending radius (fixed) | 5 x Outer diameter |
| Bending radius (dynamic) | 10 x Outer diameter |
| No. of torsion cycles | 2 Mio. |
| Torsion speed | 35 cycles/min |
| Torsion stress | ± 180 °/m |