

M12 female 0° shielded with cable

PUR 4x0.34 shielded gy UL/CSA 40m

Female straight

M12, 4-pole

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.

Illustration

Product may differ from Image

Approvals

* only for products with UL/CSA approved cable

cCSAus

EAC

Form

Form 13201

Cables

| | |
|----------------------------|--|
| No./diameter of wires | 4 x 0.34 mm ² |
| Wire isolation | PP (br, wh, bl, bk) |
| Material (jacket) | PUR (UL/CSA) |
| Outer Ø | 5.9 mm ±5% |
| Bend radius (moving) | 10 x outer Ø |
| Temperature range (fixed) | -40...+80 °C |
| Temperature range (mobile) | -20...+80 °C |
| Cable identification | 335 |
| Cable Type | PUR-OB |
| Approval (cable) | UL (AWM-Style 20233/1992), CSA; CE conform |
| Cable weight [g/m] | 56,10 |
| Material (wire) | Cu wire, bare |
| Resistor (core) | max. 52 Ω/km (20 °C) |
| Single wire Ø (core) | 0.1 mm |

| | |
|------------------------------------|---|
| Diameter (core) | 4 × 0.34 mm ² |
| Material (wire isolation) | PP |
| Material property (wire isolation) | CFC-, halogen-, cadmium-, silicone- and lead-free |
| Shore hardness (wire isolation) | 72 ±3 D |
| Wire-Ø incl. isolation | 1.55 mm ±5% |
| Color/numbering of wires | br, bk, bl, wh |
| Stranding combination | 4 wires twisted |
| Shield | yes |
| | min. 85% |
| Material (jacket) | PUR |
| Shore hardness (jacket) | 85 ±3 A |
| Outer-Ø (jacket) | 5.9 mm ±5% |
| Color (jacket) | gray |
| chemical resistance | good resistance to oil, gasoline and chemicals (VDE 0472 Teil 803 Test B) |
| thermal resistance | flame retardant UL VW1, CSA FT1 |
| Nominal voltage | 300 V AC |
| Test voltage | 2000 V AC |
| Temperature range (fixed) | -40...+80 °C |
| Temperature range (mobile) | -20...+80 °C |
| Bend radius (fixed) | 10× outer Ø |
| Jacket Color | gray |

Technical Data

| | |
|------------------------------------|--|
| Operating voltage | max. 60 V AC/DC |
| Operating voltage (only UL listed) | max. 30 V AC/DC |
| Operating current per contact | max. 4 A |
| Rated surge voltage | 1.5 kV |
| Material group | IEC 60664-1, category I |
| Coding | A-coded |
| Locking of ports | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing |
| Compression gland | M12 (SW13) |
| Protection | IP65, IP66K, IP67 inserted and tightened (EN 60529) |
| Locking material | Zinc die casting, matte nickel plated |
| Material | PUR |

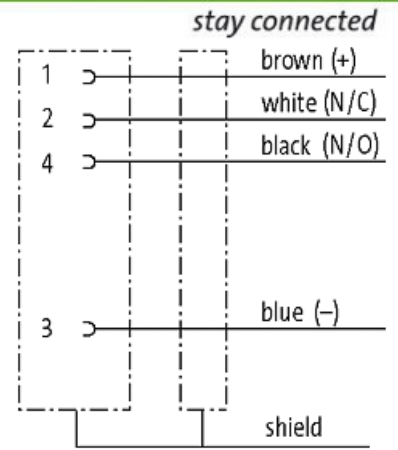
General data

| | |
|-------------------|--|
| Standards | DIN EN 61076-2-101 (M12) |
| Pollution Degree | 3 |
| Temperature range | -25...+85 °C, depending on cable quality |

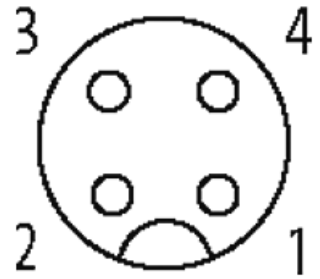
Commercial data

| | |
|-----------------------|---------------|
| country of origin | DE |
| customs tariff number | 85444290 |
| EAN | 4048879552844 |
| eClass | 27279218 |
| Packaging unit | 1 |

Sketch



Female



Product may differ from Image