

M12 MALE 0° / M12 FEMALE 0° SHIELDED

PUR 4X0.34 shielded GRAY, UL/CSA 3m

Male straight – female straight

M12 – M12, 4-pole

shielded

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

Form

Form 40501

Cables

| | |
|---------------------------|--------------------------|
| No./diameter of wires | 4 × 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 × 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 |
| Locking of ports | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing |
| Compression gland | M12 (SW13) |
| Locking material | Zinc die casting, matte nickel plated |
| Protection | IP65 and IP67 when plugged and screwed down (EN 60529) |

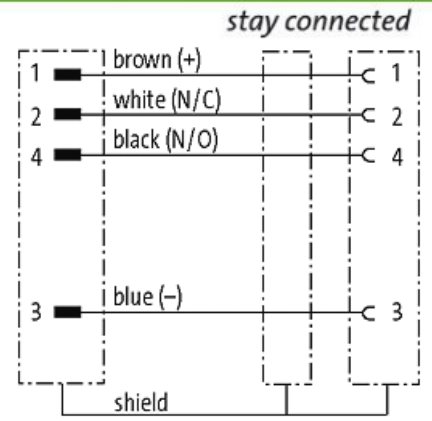
General data

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

Commercial data

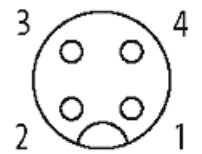
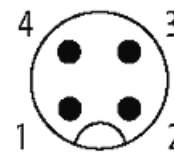
| | |
|-----------------------|---------------|
| country of origin | DE |
| customs tariff number | 85444290 |
| EAN | 4048879165563 |
| eClass | 27279218 |
| Packaging unit | 1 |

Sketch



Male

Female



Product may differ from Image