

M12 female receptacle shielded rear mount

PVC 3x0.34 shielded bk UL/CSA 0,9m

Flange female

M12, 3-pole

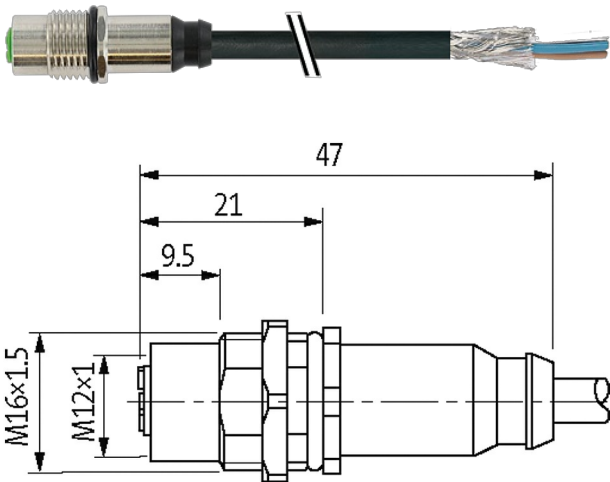
shielded

Rear mounting

Further cable lengths on request.

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

Illustration



Product may differ from Image

Approvals



Form

Form 13613

Cables

|                            |                                          |
|----------------------------|------------------------------------------|
| No./diameter of wires      | 3 × 0.34 mm²                             |
| Wire isolation             | PVC (br, bl, bk)                         |
| Material (jacket)          | PVC (UL/CSA)                             |
| Outer Ø                    | 5.0 mm ±5%                               |
| Temperature range (fixed)  | -30...+80 °C                             |
| Temperature range (mobile) | -5...+80 °C                              |
| Cable identification       | 600                                      |
| Cable Type                 | 1 (PVC)                                  |
| Approval (cable)           | UL (AWM-Style 2464/1731), CSA            |
| Cable weight [g/m]         | 52,80                                    |
| Material (wire)            | Cu wire, bare                            |
| Resistor (core)            | max. 57 Ω/km (20 °C)                     |
| Single wire Ø (core)       | 0.15 mm                                  |
| Construction (core)        | 19 × 0.15 mm (multi-strand wire class 5) |

|                                    |                                                                                                          |
|------------------------------------|----------------------------------------------------------------------------------------------------------|
| Diameter (core)                    | 3 × 0.34 mm <sup>2</sup>                                                                                 |
| AWG                                | similar to AWG 22                                                                                        |
| Material (wire isolation)          | PVC                                                                                                      |
| Material property (wire isolation) | CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant |
| Shore hardness (wire isolation)    | 45 ±5 D                                                                                                  |
| Wire-Ø incl. isolation             | 1.25 mm ±5%                                                                                              |
| Color/numbering of wires           | br, bk, bl                                                                                               |
| Stranding combination              | 3 wires twisted                                                                                          |
| Shield                             | yes                                                                                                      |
|                                    | min. 80%                                                                                                 |
| Material (jacket)                  | PVC                                                                                                      |
| Material property (jacket)         | CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant |
| Shore hardness (jacket)            | 85 ±5 A                                                                                                  |
| Outer-Ø (jacket)                   | 5.0 mm ±5%                                                                                               |
| Color (jacket)                     | black                                                                                                    |
| chemical resistance                | good resistance to oil, gasoline and chemicals                                                           |
| thermal resistance                 | flame retardant UL 1581 VW1 / CSA FT1                                                                    |
| Nominal voltage                    | 300 V AC                                                                                                 |
| Test voltage                       | 2000 V AC                                                                                                |
| Current load capacity              | to DIN VDE 0298-4                                                                                        |
| Temperature range (fixed)          | -30...+80 °C                                                                                             |
| Temperature range (mobile)         | -5...+80 °C                                                                                              |
| Bend radius (fixed)                | 10 × outer Ø                                                                                             |
| Jacket Color                       | black                                                                                                    |

**Technical Data**

|                               |                                                                  |
|-------------------------------|------------------------------------------------------------------|
| Operating voltage             | max. 60 V AC/DC                                                  |
| Rated surge voltage           | 1.5 kV                                                           |
| Operating current per contact | max. 4 A                                                         |
| No. of poles                  | 3                                                                |
| Material group                | IEC 60664-1, category I                                          |
| Coding                        | A-coded                                                          |
| LED display                   | no                                                               |
| Locking of ports              | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing |
| Compression gland             | M12 (SW14)                                                       |
| Protection                    | IP67 inserted and tightened (EN 60529)                           |
| Protection NEMA               | 3, 4, 6P (UL 50E)                                                |
| Locking material              | Brass, nickel plated                                             |

**General data**

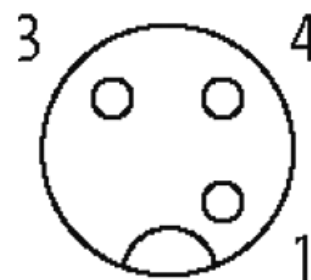
|                            |                                          |
|----------------------------|------------------------------------------|
| Pollution Degree           | 3                                        |
| Material (contact)         | Copper alloy                             |
| Material (contact surface) | Au                                       |
| Material (gasket)          | FKM                                      |
| Stripping length (jacket)  | 20 mm                                    |
| Temperature range          | -25...+85 °C, depending on cable quality |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879570596 |
| eClass                | 27279220      |
| Packaging unit        | 1             |

Sketch

Female



Product may differ from Image