

**M12 female receptacle shielded rear mount**

PVC 5x0,34 shielded bk UL,CSA 1,5m

Flange female

M12, 5-pole

shielded

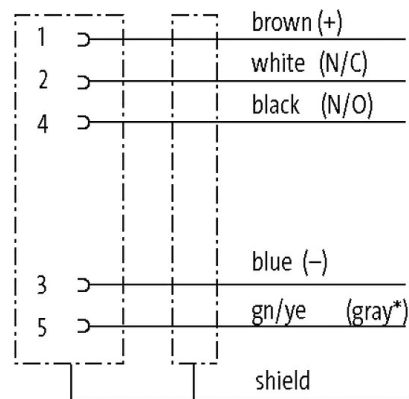
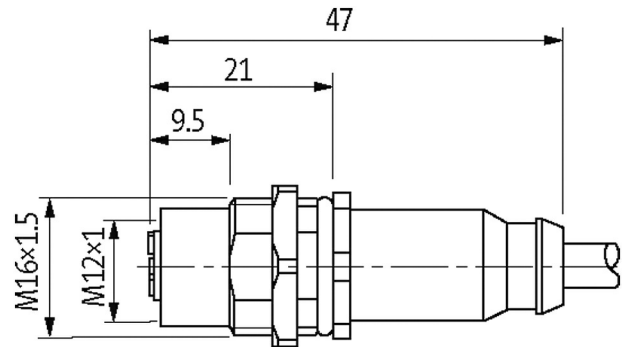
Rear mounting

Further cable lengths on request.

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

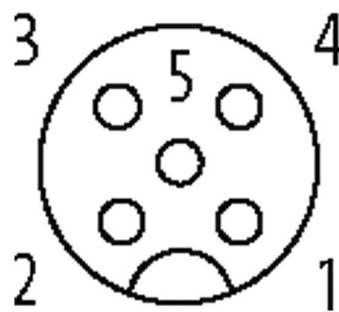
**Illustration**

stay connected



(\* for cable type 203, 603, 243, 643)

## Female



Product may differ from Image

### Approvals



### Form

Form 13621

### Cables

|                                    |  |
|------------------------------------|--|
| No./diameter of wires              | 5 × 0.34 mm <sup>2</sup>   |
| Wire isolation                     | PVC (br, wh, bl, bk, gnye)   |
| Material (jacket)                  | PVC (UL/CSA)   |
| Outer Ø                            | 5.6 mm ±5%   |
| Temperature range (fixed)          | -30...+80 °C   |
| Temperature range (mobile)         | -5...+80 °C  |
| Cable identification               | 602  |
| Cable Type                         | 1 (PVC)  |
| Approval (cable)                   | UL (AWM-Style 2464/1731), CSA  |
| Cable weight [g/m]                 | 68,20  |
| 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)                    | 5 × 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, wh, gnye longitudinally striped  |
| Stranding combination              | 5 wires twisted around central filler  |
| 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)                   | 5.6 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                  | 5  |
| 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                   | 4048879529372 |
| eClass                | 27279220      |
| Packaging unit        | 1             |