

**M12 female receptacle shielded rear mount**

PVC 5x0.34 shielded bk UL/CSA 0,8m

Flange female

M12, 5-pole

shielded

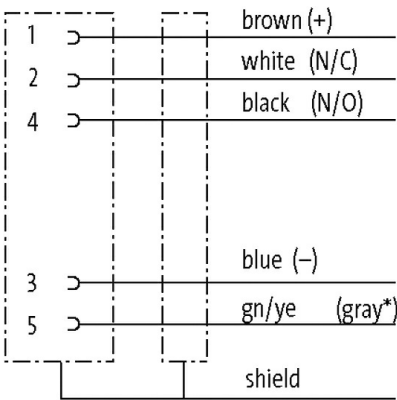
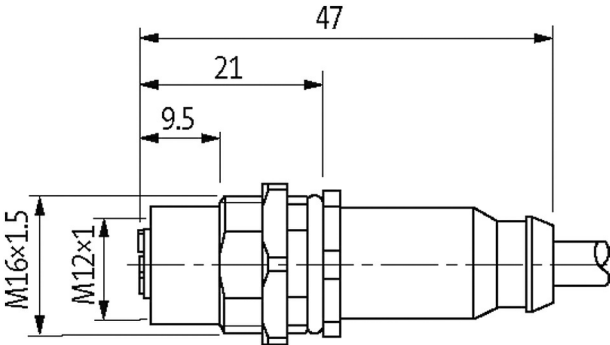
Rear mounting

Further cable lengths on request.

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

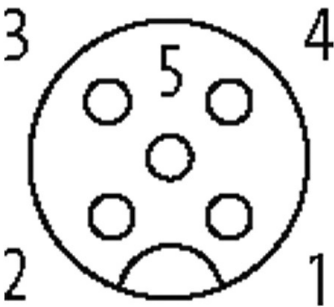
**Illustration**

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                        | 4048879570039                            |
| eClass                     | 27279220                                 |
| Packaging unit             | 1                                        |