

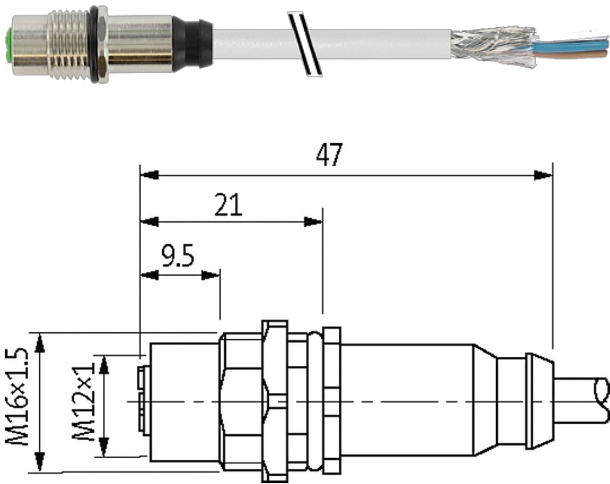
M12 female receptacle shielded rear mount

PUR 8x0,25 shielded gy UL,CSA+drag chain 0,6m

Flange female  
M12, 8-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 17191

Cables

|                            |                                           |
|----------------------------|-------------------------------------------|
| No./diameter of wires      | 8 × 0.25 mm²                              |
| Wire isolation             | PP (br, wh, bl, bk, gr, pk, vi, or)       |
| C-track properties         | 5 Mio.                                    |
| Material (jacket)          | PUR (UL/CSA)                              |
| Outer Ø                    | 7.0 mm ±5%                                |
| Bend radius (moving)       | 10× outer Ø                               |
| Temperature range (fixed)  | -40...+80 °C                              |
| Temperature range (mobile) | -25...+80 °C                              |
| Cable identification       | 294                                       |
| Cable Type                 | 3 (PUR)                                   |
| Approval (cable)           | cURus (AWM-Style 20549/10493); CE conform |
| Cable weight [g/m]         | 74,80                                     |
| Material (wire)            | Cu wire, bare                             |
| Resistor (core)            | max. 79 Ω/km (20 °C)                      |

|                                    |                                                                                                                                                        |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Single wire Ø (core)               | 0.1 mm                                                                                                                                                 |
| Construction (core)                | 32× 0.1 mm (multi-strand wire class 6)                                                                                                                 |
| Diameter (core)                    | 8× 0.25 mm <sup>2</sup>                                                                                                                                |
| AWG                                | similar to AWG 24                                                                                                                                      |
| Material (wire isolation)          | PP                                                                                                                                                     |
| Material property (wire isolation) | CFC-, halogen-, cadmium-, silicone- and lead-free                                                                                                      |
| Shore hardness (wire isolation)    | 70 ±5 D                                                                                                                                                |
| Wire-Ø incl. isolation             | 1.2 mm ±5%                                                                                                                                             |
| Color/numbering of wires           | br, or, vi, pk, gr, bk, bl, wh                                                                                                                         |
| Stranding combination              | 8 wires twisted around central filler                                                                                                                  |
| Shield                             | yes                                                                                                                                                    |
|                                    | min. 80%                                                                                                                                               |
| Material (jacket)                  | PUR                                                                                                                                                    |
| Material property (jacket)         | CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant |
| Shore hardness (jacket)            | 90 ±5 A                                                                                                                                                |
| Outer-Ø (jacket)                   | 7.0 mm ±5%                                                                                                                                             |
| Color (jacket)                     | gray                                                                                                                                                   |
| chemical resistance                | good resistance to oil, gasoline and chemicals (EN 60811-404)                                                                                          |
| thermal resistance                 | flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2                                                                                     |
| Nominal voltage                    | 300 V AC                                                                                                                                               |
| Test voltage                       | 2000 V AC                                                                                                                                              |
| Current load capacity              | to DIN VDE 0298-4                                                                                                                                      |
| Temperature range (fixed)          | -40...+80 °C, (+90 °C at max. 10 000 operating hours)                                                                                                  |
| Temperature range (mobile)         | -25...+80 °C, (+90 °C at max. 10 000 operating hours)                                                                                                  |
| Bend radius (fixed)                | 5× outer Ø                                                                                                                                             |
| Bend radius (moving)               | 10× outer Ø                                                                                                                                            |
| No. of bending cycles (C-track)    | max. 5 Mio. (25 °C)                                                                                                                                    |
| Traversing distance (C-track)      | max. 5 m (horizontal)                                                                                                                                  |
| Travel speed (C-track)             | max. 3.3 m/s                                                                                                                                           |
| Acceleration (C-track)             | max. 5 m/s <sup>2</sup>                                                                                                                                |
| Torsion stress                     | ±30 °/m                                                                                                                                                |
| No. of torsion cycles              | max. 2 Mio. (25 °C)                                                                                                                                    |
| Torsion speed                      | 35 cycles/min                                                                                                                                          |
| Jacket Color                       | gray                                                                                                                                                   |

**Technical Data**

|                               |                                                                  |
|-------------------------------|------------------------------------------------------------------|
| Operating voltage             | max. 30 V AC/DC                                                  |
| Rated surge voltage           | 0.8 kV                                                           |
| Operating current per contact | max. 2 A                                                         |
| Material group                | IEC 60664-1, category I                                          |
| No. of poles                  | 8                                                                |
| 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**

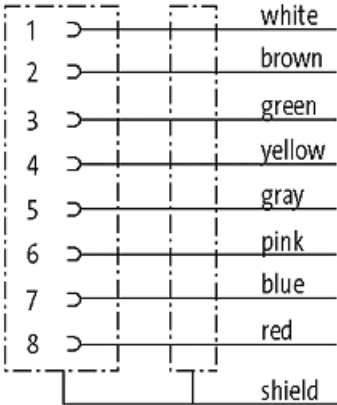
|                  |   |
|------------------|---|
| Pollution Degree | 3 |
|------------------|---|

|                           |                                          |
|---------------------------|------------------------------------------|
| Stripping length (jacket) | 60 mm                                    |
| Temperature range         | -25...+85 °C, depending on cable quality |

Commercial data

|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879520324 |
| eClass                | 27279220      |
| Packaging unit        | 1             |

Sketch



Product may differ from Image