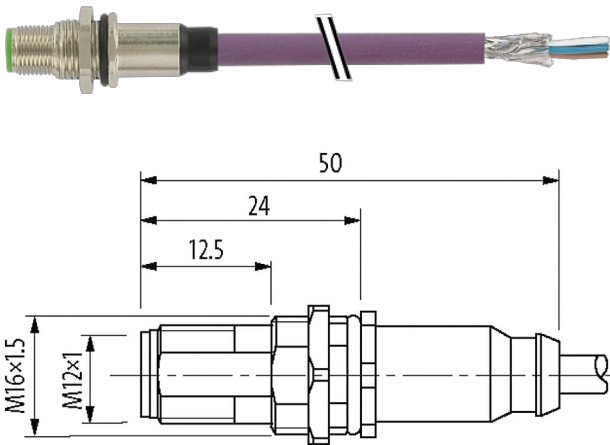


M12 male receptacle B coded rear mount Profibus

PUR 1x2xAWG24 shielded vt UL/CSA+dragchain 2m

Flange male  
M12, 2-pole  
B-coded  
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



More Info



Form

Form 14131

Cables

|                            |                                  |
|----------------------------|----------------------------------|
| No./diameter of wires      | 1 x 2 x 0.25 mm <sup>2</sup>     |
| Wire isolation             | PE (rd, gn)                      |
| C-track properties         | 5 Mio.                           |
| Material (jacket)          | PUR (UL/CSA)                     |
| Outer Ø                    | 7.7 mm ±5%                       |
| Bend radius (moving)       | 12 x outer Ø                     |
| Temperature range (fixed)  | -40...+80 °C                     |
| Temperature range (mobile) | -20...+60 °C                     |
| Cable identification       | 841                              |
| Approval (cable)           | UL (AWM-Style 20233), CE-conform |
| Cable weight [g/m]         | 70,40                            |

|                                    |                                                                                                          |
|------------------------------------|----------------------------------------------------------------------------------------------------------|
| Material (wire)                    | Cu wire, bare                                                                                            |
| Resistor (core)                    | max. 72 $\Omega$ /km (20 °C)                                                                             |
| Single wire Ø (core)               | 0.13 mm                                                                                                  |
| Construction (core)                | 19× 0.13 mm                                                                                              |
| Diameter (core)                    | 1 × 2× 0.25 mm <sup>2</sup>                                                                              |
| AWG                                | similar to AWG 24                                                                                        |
| Material (wire isolation)          | ZE-PE                                                                                                    |
| Material property (wire isolation) | CFC-, cadmium-, silicone- and lead-free                                                                  |
| Shore hardness (wire isolation)    | 60 ±3 D                                                                                                  |
| Wire-Ø incl. isolation             | 2.55 mm ±5%                                                                                              |
| Color/numbering of wires           | rd, gn                                                                                                   |
| Shield                             | yes                                                                                                      |
|                                    | min. 85%                                                                                                 |
| Material (jacket)                  | PUR                                                                                                      |
| Material property (jacket)         | CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant |
| Shore hardness (jacket)            | 87 ±3 A                                                                                                  |
| Outer-Ø (jacket)                   | 7.7 mm ±5%                                                                                               |
| Color (jacket)                     | violet                                                                                                   |
| chemical resistance                | good resistance to oil, gasoline and chemicals (VDE 0472 Teil 803 Test B)                                |
| thermal resistance                 | flame retardant UL 1581 VW1 / CSA FT1                                                                    |
| Nominal voltage                    | 300 V                                                                                                    |
| Test voltage                       | 1500 V AC                                                                                                |
| Temperature range (fixed)          | -40...+80 °C                                                                                             |
| Temperature range (mobile)         | -20...+60 °C                                                                                             |
| Bend radius (fixed)                | 7.5× outer Ø                                                                                             |
| Bend radius (moving)               | 12× 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 m/s                                                                                               |
| Acceleration (C-track)             | max. 5 m/s <sup>2</sup>                                                                                  |
| Jacket Color                       | violet                                                                                                   |
| <b>Technical Data</b>              |                                                                                                          |
| Operating voltage                  | max. 60 V AC/DC                                                                                          |
| Rated surge voltage                | 1.5 kV                                                                                                   |
| Operating current per contact      | max. 4 A                                                                                                 |
| No. of poles                       | 4                                                                                                        |
| Material group                     | IEC 60664-1, category I                                                                                  |
| Coding                             | B-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                                                                                     |
| <b>General data</b>                |                                                                                                          |
| Pollution Degree                   | 3                                                                                                        |
| Material (contact)                 | Copper alloy                                                                                             |
| Material (contact surface)         | Au                                                                                                       |
| 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                   | 4048879723510 |
| eClass                | 27279221      |
| Packaging unit        | 1             |