

**MVP12, 4XM12, 4POLE, PLUGGABLE CABLE**

15.0m PUR/PVC 4x0,34+3x0,75

4-way, 4-pole

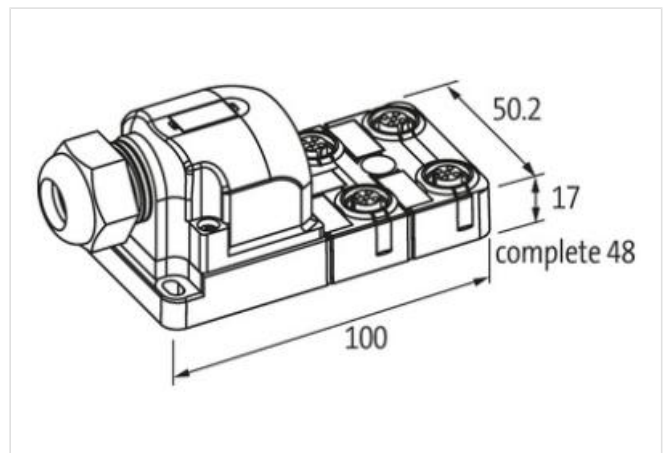
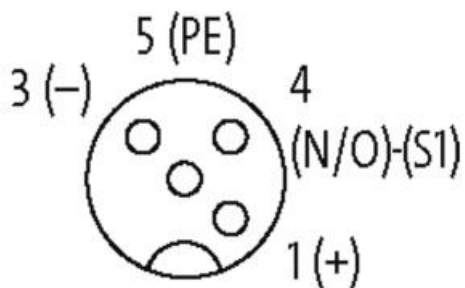
PUR/PVC

15.0 m

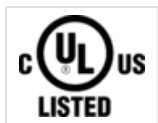
with LED for digital PNP-signals 24 V DC

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

[Link to Product](#)**Illustration****M12 Females 4-pole**

Product may differ from Image

**Technical Data**

|                               |  |
|-------------------------------|--|
| Operating voltage             | 24 V DC $\pm 25\%$                                     |
| Operating current per contact | max. 4 A   |
| Locking of ports              | Screw thread (M12x1 mm)                                |
| Protection                    | IP65 and IP67 when plugged and screwed down (EN 60529) |

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2022-11-13

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|  |  |
|--|--|
| Material                               | PBT  |
| Housing                                | Plastic, flame retardant   |
| Signal per port                        | 1 - (31-32)  |
| Total current                          | max. 8 A   |
| <b>General data</b>                    |  |
| Temperature range                      | -20...+80 °C   |
| Dimensions HxWxD                       | 100x50.2x17 mm   |
| <b>Cables</b>                          |  |
| No./diameter of wires                  | 4x 0.34 + 3x 0.75 mm <sup>2</sup>  |
| Wire isolation                         | PVC  |
| C-track properties                     | 2 Mio.   |
| Outer Ø                                | 7.4 mm ±5%   |
| Cable identification                   | 333  |
| Cable Type                             | 2 (PUR/PVC)  |
| Cable number                           | 333  |
| Approval (cable)                       | UL (AWM-Style 21441/10955), CE conform   |
| Cable weight [g/m]                     | 91,3 g   |
| Material (wire)                        | Cu wire, bare  |
| Resistor (core)                        | max. 57 Ω/km (0.34 mm <sup>2</sup> ), max. 26 Ω/km (0.75 mm <sup>2</sup> ); (20 °C)                  |
| Single wire Ø (core)                   | 0.15 mm (0.34 mm <sup>2</sup> ); 0.2 mm (0.75 mm <sup>2</sup> )                                      |
| Construction (core)                    | 19x 0.15 mm (0.34 mm <sup>2</sup> ); 24x 0.2 mm (0.75 mm <sup>2</sup> ); (multi-strand wire class 5) |
| Diameter (core)                        | 4x 0.34 + 3x 0.75 mm <sup>2</sup>  |
| AWG                                    | similar to AWG 22 (0.34 mm <sup>2</sup> ); similar to AWG 18 (0.75 mm <sup>2</sup> )                 |
| Material (wire isolation)              | PVC  |
| Material property (wire isolation)     | CFC-, cadmium-, silicone- and lead-free  |
| Shore hardness (wire isolation)        | 43 ±5 D  |
| Wire-Ø incl. isolation                 | 1.3 mm ±5% (0.34 mm <sup>2</sup> ); 1.8 mm ±5% (0.75 mm <sup>2</sup> )                               |
| Color/numbering of wires               | wh, gn, ye, gr+br, bl, gnye longitudinally striped   |
| Shield                                 | no   |
| Material (jacket)                      | PUR/PVC  |
| Shore hardness (jacket)                | 87 ±5 A  |
| Outer-Ø (jacket)                       | 7.4 mm ±5%   |
| Color (jacket)                         | gray   |
| Jacket Color                           | gray   |
| chemical resistance                    | good resistance to oil, gasoline and chemicals (EN 60811-404)  |
| Nominal voltage                        | U0/U 300/300 V AC  |
| Test voltage                           | 2000 V AC  |
| Current load capacity                  | to DIN VDE 0298-4  |
| Temperature range (fixed)              | -30...+80 °C   |
| Temperature range (fixed)              | -30...+80 °C   |
| Temperature range (mobile)             | -5...+70 °C  |
| Temperature range (mobile)             | -5...+70 °C  |
| Bend radius (fixed)                    | 5x outer Ø   |
| Bend radius (moving)                   | 12x outer Ø  |
| Bend radius (moving)                   | 12x outer Ø  |
| No. of bending cycles (C-track)        | max. 2 Mio. (25 °C)  |
| Travel speed (C-track)                 | max. 2 m/s   |
| Acceleration (C-track)                 | max. 10 m/s <sup>2</sup>   |
| Material (jacket)                      | PUR/PVC  |
| Product article number of manufacturer | 27014  |