

MVP12, 6XM12, 4POLE, PLUGGABLE CABLE

5.0m PUR/PVC 6x0,34+3x0,75

6-way, 4-pole

PUR/PVC

5.0 m

with LED for digital PNP-signals 24 V DC

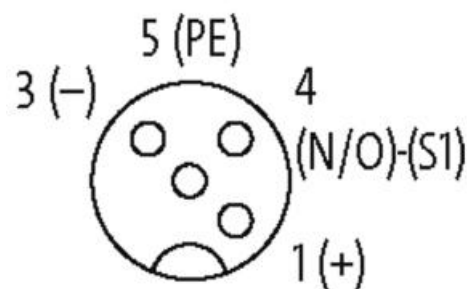
Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

[Link to Product](#)**Illustration**

Product may differ from Image

M12 Females 4-pole

**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) |
| Material | PBT |
| Housing | Plastic, flame retardant |
| Signal per port | 1 - (31-32) |
| Total current | max. 8 A |

General data

| | |
|-------------------|----------------|
| Temperature range | -20...+80 °C |
| Dimensions HxWxD | 125x50.2x17 mm |

Cables

| | |
|-----------------------|-------------------------|
| No./diameter of wires | 4x 0.34 mm ² |
| Wire isolation | PP (br, wh, bl, bk) |
| Outer Ø | 5.9 mm $\pm 5\%$ |
| Cable identification | 335 |
| Cable Type | PUR-OB |

| | |
|--|---|
| Approval (cable) | UL (AWM-Style 20233/1992), CSA; CE conform |
| Cable weight [g/m] | 56,1 g |
| Material (wire) | Cu wire, bare |
| Resistor (core) | max. 52 Ω /km (20 °C) |
| Single wire Ø (core) | 0.1 mm |
| Diameter (core) | 4x 0.34 mm ² |
| Material (wire isolation) | PP |
| Material property (wire isolation) | CFC-, halogen-, cadmium-, silicone- and lead-free |
| Shore hardness (wire isolation) | 72 \pm 3 D |
| Wire-Ø incl. isolation | 1.55 mm \pm 5% |
| Color/numbering of wires | br, bk, bl, wh |
| Stranding combination | 4 wires twisted |
| Shield | yes |
| Shield (Type) | Copper braid |
| optical shield cover | min. 85% |
| Material (jacket) | PUR |
| Shore hardness (jacket) | 85 \pm 3 A |
| Outer-Ø (jacket) | 5.9 mm \pm 5% |
| Color (jacket) | gray |
| Jacket Color | gray |
| chemical resistance | good resistance to oil, gasoline and chemicals (VDE 0472 Teil 803 Test B) |
| thermal resistance | flame retardant UL VW1, CSA FT1 |
| Nominal voltage | 300 V AC |
| Test voltage | 2000 V AC |
| Temperature range (fixed) | -40...+80 °C |
| Temperature range (fixed) | -40...+80 °C |
| Temperature range (mobile) | -20...+80 °C |
| Temperature range (mobile) | -20...+80 °C |
| Bend radius (fixed) | 10x outer Ø |
| Bend radius (moving) | 10x outer Ø |
| Material (jacket) | PUR (UL/CSA) |
| Product article number of manufacturer | 27016 |