

MVP12, 6XM12, 4POLE, PLUGGABLE CABLE

3.0m PUR/PVC 6x0,34+3x0,75

6-way, 4-pole

PUR/PVC

3.0 m

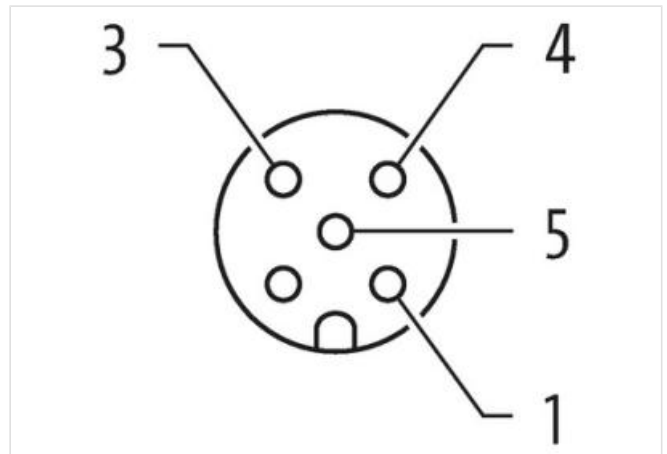
with LED for digital PNP-signals 24 V DC

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

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

Product may differ from Image

**Commercial data**

| | |
|-----------------------|---------------|
| ECLASS-6.0 | 27279219 |
| ECLASS-6.1 | 27279219 |
| ECLASS-7.0 | 27279219 |
| ECLASS-8.0 | 27279219 |
| ECLASS-9.0 | 27440108 |
| ECLASS-10.1 | 27440108 |
| ECLASS-11.1 | 27440108 |
| ECLASS-12.0 | 27440108 |
| ETIM-5.0 | EC002585 |
| customs tariff number | 85369010 |
| GTIN | 4048879064620 |
| Packaging unit | 1 |

Electrical data | Supply

| | |
|------------------------------------|------|
| Operating voltage DC | 24 V |
| Operating voltage DC min. | 18 V |
| Operating voltage DC max. | 30 V |
| Current operating per contact max. | 4 A |
| Total current max. | 8 A |

Industrial communication

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-04

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Number of signals per port 1

Installation | Connection

Mounting set M12 x 1

Device protection | Electrical

Degree of protection (EN IEC 60529) IP65, IP67

Additional condition protection degree inserted, screwed

Device protection | Media

Flame resistance flame retardant

Mechanical data | Material data

Material housing PBT

Mechanical data | Mounting data

Mounting method Schraubgewinde

Height 125 mm

Width 50,2 mm

Depth 17 mm

Environmental characteristics | Climatic

Operating temperature min. -20 °C

Operating temperature max. 80 °C

Installation | Cable

Cable identification 335

Jacket Color gray

Type of Certificate cURus

Amount stranding 1

Stranding 4 wires twisted

Cable shielding (type) copper braid, tinned

Cable shielding (coverage) 85 %

Banding Fleece, Foil

wire arrangement brown, black, blue, white

Cable weight 56,1 g/m

Material jacket PUR

Shore hardness jacket 85 ± 3 Shore A

Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

Outer-diameter (jacket) 5,9 mm

Tolerance outer diameter (sheath) ± 5 %

Material wire insulation PP

Amount wires 4

Outer diameter insulation 1,55 mm

Outer diameter tolerance core insulation ± 5 %

Shore hardness wire insulation 72 ± 3 Shore D

Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

Amount strands (wire) 42

Diameter of single wires 0,1 mm

Conductor crosssection (wire) 0,34 mm²

Material conductor wire Stranded copper wire, bare

Conductor type (wire) strand class 6

Nominal voltage AC max. 300 V

Current load capacity (standard) to DIN VDE 0298-4

Current load capacity min. wire 4,8 A

Electrical resistance line constant wire 52 Ω/km @ 20 °C

AC withstand voltage (wire - wire) 2 kV @ 60 s

Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s

| | |
|--------------------------------------|--|
| Min. operating temperature (static) | -40 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -20 °C |
| Operating temperature max. (dynamic) | 80 °C |
| Flame resistance | IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | DIN EN 60811-404 Good, application-related testing |
| Bending radius (dynamic) | 10 x Outer diameter |

Connection type 2

| | |
|--------------------------|----------------|
| Family construction form | free cable end |
| Color contact carrier | gray |
| No. of poles | 9 |
| Family construction form | M12 |
| Gender | female |
| Color contact carrier | black |
| Coding | A |
| No. of poles | 4 |
| PIN 1 | + |
| PIN 2 | n.c. |
| PIN 3 | - |
| PIN 4 | NO S 1 |
| PIN 5 | PE |