

**MVP12, 8XM12, 4POLE, PLUGGABLE CABLE**

5.0m PUR/PVC 8x0,34+3x0,75

Further cable lengths on request.

8-way, 4-pole

Plastic housings with good resistance against chemicals and oils.

PUR/PVC

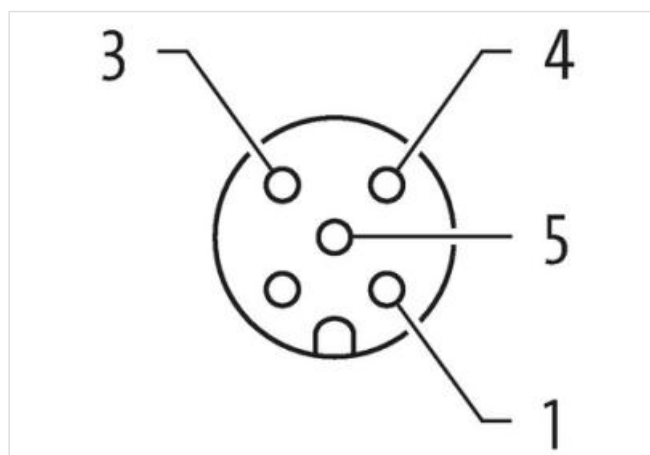
The resistance to aggressive media should be individually tested for your application. Further details on request.

5.0 m

with LED for digital PNP-signals 24 V DC

**Odkaz k produktu****Obrázky**

Výrobok sa môže líšiť od zobrazenia

**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                  | 4048879064576 |
| 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

Number of signals per port 1

#### Installation | Connection

Tightening torque 0,6 Nm

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

Height 150 mm

Width 50,2 mm

Depth 17 mm

#### Environmental characteristics | Climatic

Operating temperature min. -20 °C

Operating temperature max. 80 °C

Additional condition temperature range depending on cable quality

#### Installation | Cable

STOOW style jacket Hybrid, Signal, Power

Cable identification 362

Cable Type 2

Jacket Color gray

Type of Certificate cURus

Amount stranding 1

Stranding 2 wires with Filler twisted

Amount stranding (type 2) 1

Stranding (type 2) 9 wires around Stranding combination twisted

Filler yes

wire arrangement white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)

Cable weight 115,5 g/m

Material jacket PUR

Shore hardness jacket 87 ± 5 Shore A

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

Outer-diameter (jacket) 8,1 mm

Tolerance outer diameter (sheath) ± 5 %

Material inner jacket PVC

Color (inner jacket) gray

Material wire insulation PVC

Amount wires 8

Outer diameter insulation 1,3 mm

Outer diameter tolerance core insulation ± 5 %

Shore hardness wire insulation 43 ± 5 Shore D

Material properties wire insulation good machinability

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

Amount strands (wire) 19

Diameter of single wires 0,15 mm

Conductor crosssection (wire) 0,34 mm²

|                                                   |                                                      |
|---------------------------------------------------|------------------------------------------------------|
| Material conductor wire                           | Stranded copper wire, bare                           |
| Conductor type (wire)                             | Strand class 5                                       |
| Traversing distance (C-track)                     | 5 m @ 25 °C                                          |
| Travel speed (C-track)                            | 3                                                    |
| Material wire insulation (Power)                  | PVC                                                  |
| Outer diameter wire insulation (Power)            | 1,8 mm                                               |
| Tolerance outer diameter wire insulation (Power)  | ±5 %                                                 |
| Shore hardness wire insulation (Power)            | 43±5 Shore D                                         |
| Material properties wire insulation (Power)       | good machinability                                   |
| Ingredient freeness wire insulation (Power)       | lead-free, cadmium-free, CFC-free, silicone-free     |
| Amount strands wire (Power)                       | 24                                                   |
| Diameter of single wires (Power)                  | 0,2 mm                                               |
| Wire conductor cross section (Power)              | 0,75 mm²                                             |
| Material conductor wire (Power)                   | Stranded copper wire, bare                           |
| Conductor type wire (Power)                       | Strand class 5                                       |
| Max. rated voltage (conductor - conductor)        | 300 V                                                |
| Max. rated voltage (conductor - ground)           | 300 V                                                |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                    |
| Current load capacity min. wire                   | 4 A                                                  |
| Loop resistance                                   | 7,8 A                                                |
| Electrical resistance line constant wire          | 57 Ω/km @ 20 °C                                      |
| Electrical resistance coating wire (Power)        | 26 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)               | -30 °C                                               |
| Max. operating temperature (fixed)                | 80 °C                                                |
| Operating temperature min. (dynamic)              | -5 °C                                                |
| Operating temperature max. (dynamic)              | 70 °C                                                |
| Flame resistance                                  | UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  |
| chemical resistance                               | Good, application-related testing                    |
| Gasoline resistance                               | Good, application-related testing                    |
| Oil resistance                                    | Good, application-related testing   DIN EN 60811-404 |
| Bending radius (fixed)                            | 5 x Outer diameter                                   |
| Bending radius (dynamic)                          | 10 x Outer diameter                                  |
| Travel speed (C-track)                            | 2 Mio. @ 25 °C                                       |

**Connection type 2**

|                          |                |
|--------------------------|----------------|
| Family construction form | free cable end |
| Color contact carrier    | gray           |
| No. of poles             | 11             |
| 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             |