

**MVP12, 6XM12, 4POLE, PLUGGABLE CABLE**

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

6-way, 4-pole

PUR/PVC

3.0 m

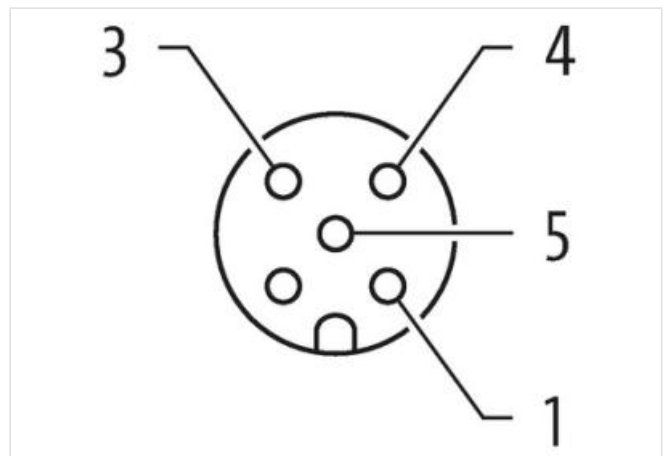
with LED for digital PNP-signals 24 V DC

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: 2024-05-02

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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