

MVP12, 6XM12, 5POLE, PLUGGABLE CABLE

10.0m PUR/PVC 12x0,34+5x0,75

Further cable lengths on request.

6-way, 5-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.

10.0 m

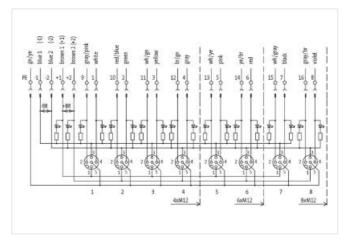
potentially separated

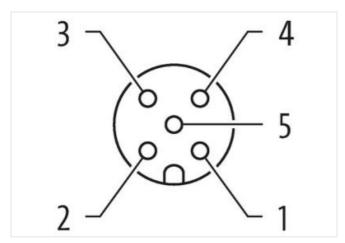
with LED for digital PNP-signals 24 V DC

Link to Product

Illustration







Product may differ from Image





Commercial data	
ECLASS-6.0	27279219
ECLASS-6.1	27279219



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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	85444290
GTIN	4048879064255
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 at 1 time current feed-in max.	8 A
Total current at 2 times current feed-in max.	16 A
	1071
Industrial communication	
Number of signals per port	2
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	
	125 mm
Height Width	50,2 mm
	50,2 11111
Depth	17 mm
	17 mm
Environmental characteristics Climatic	17 mm
Operating temperature min.	-20 °C
Operating temperature min. Operating temperature max.	-20 °C 80 °C
Operating temperature min.	-20 °C
Operating temperature min. Operating temperature max.	-20 °C 80 °C
Operating temperature min. Operating temperature max. Additional condition temperature range	-20 °C 80 °C
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable	-20 °C 80 °C depending on cable quality
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification	-20 °C 80 °C depending on cable quality
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color	-20 °C 80 °C depending on cable quality 396 gray
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate	-20 °C 80 °C depending on cable quality 396 gray cURus, CSA
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding	-20 °C 80 °C depending on cable quality 396 gray cURus, CSA
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding	-20 °C 80 °C depending on cable quality 396 gray cURus, CSA 1 6 wires around Core filler twisted
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2)	-20 °C 80 °C depending on cable quality 396 gray cURus, CSA 1 6 wires around Core filler twisted 1
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2)	-20 °C 80 °C depending on cable quality 396 gray cURus, CSA 1 6 wires around Core filler twisted 1 12 wires around Stranding combination twisted
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Banding	-20 °C 80 °C depending on cable quality 396 gray cURus, CSA 1 6 wires around Core filler twisted 1 12 wires around Stranding combination twisted Fleece
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Banding Filler	-20 °C 80 °C depending on cable quality 396 gray cURus, CSA 1 6 wires around Core filler twisted 1 12 wires around Stranding combination twisted Fleece yes gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, gray-gray-white, gray-gray-gray-white, gray-gray-white, gray-gray-white, gray-gray-gray-white, gray-gray-white, gray-gray-white, gray-gray-white, gray-gray-white, gray-gray-gray-white, gray-gray-white, gray-gray-gray-gray-gray-gray-white, gray-gray-gray-gray-gray-gray-gray-gray-

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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Shore hardness jacket	89 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Outer-diameter (jacket)	10.4 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	TPE-E
Amount wires	16
Outer diameter insulation	1,5 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0.34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Material wire insulation (Data)	TPE-E
Outer diameter wire insulation (Data)	1,8 mm
Tolerance outer diameter wire insulation (data)	•
Shore hardness wire insulation (Data)	55 ± 5 Shore D
Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free
Amount wires (Data)	2
Amount strands wire (Data)	42
Diameter of single wires (Data)	0.15 mm
Conductor crosssection wire (Data)	0.75 mm ²
Material conductor wire (Data)	Stranded copper wire, bare
Wire conductor type (Data)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C horizontal
Max. rated voltage (conductor - conductor)	300 V
	300 V
Max. rated voltage (conductor - ground)	to DIN VDE 0298-4
Current load capacity (standard)	
Current load capacity min. wire	4 A
Current load capacity min. Wire (Data)	12 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Data)	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)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	7,5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Connection type 2	
Family construction form	free cable end
Color contact carrier	gray
No. of poles	17



Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	+
PIN 2	NC S 2
PIN 3	-
PIN 4	NO S 1
PIN 5	PE