

MVP12, 6XM12, 4POLE, PLUGGABLE CABLE

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

6-way, 4-pole

PUR/PVC

3.0 m

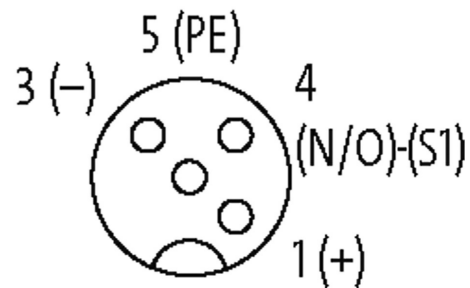
with LED for digital PNP-signals 24 V DC

Further cable lengths on request.

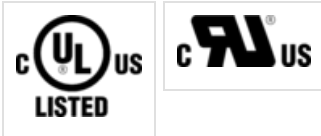
Plastic housings with good resistance against chemicals and oils.

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

M12 Females 4-pole



Product may differ from Image

Approvals**More Info**

Bus technologies

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

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

General data

Temperature range	-20...+80 °C
Dimensions H×W×D	125×50.2×17 mm

Cables

No./diameter of wires	4× 0.34 mm ²
Wire isolation	PP (br, wh, bl, bk)
Outer Ø	5.9 mm ±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)	4× 0.34 mm ²
Material (wire isolation)	PP
Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	72 ±3 D
Wire-Ø incl. isolation	1.55 mm ±5%
Color/numbering of wires	br, bk, bl, wh
Stranding combination	4 wires twisted
Shield	yes
optical shield cover	min. 85%
Material (jacket)	PUR
Shore hardness (jacket)	85 ±3 A
Outer-Ø (jacket)	5.9 mm ±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)	10× outer Ø
Bend radius (moving)	10× outer Ø
Material (jacket)	PUR (UL/CSA)

Commercial data

country of origin	DE
customs tariff number	85369010
EAN	4048879064620
eClass	27279219
Packaging unit	1.000