

**MQ12 MALE 0° / MSUD VALVE PLUG FORM BI 11MM**

PVC 3X0.75 black 3m

MSUD

Form BI (11 mm)

Male straight

MQ12

24 V AC  $\pm 20\%$  / DC  $\pm 25\%$

LED and suppression

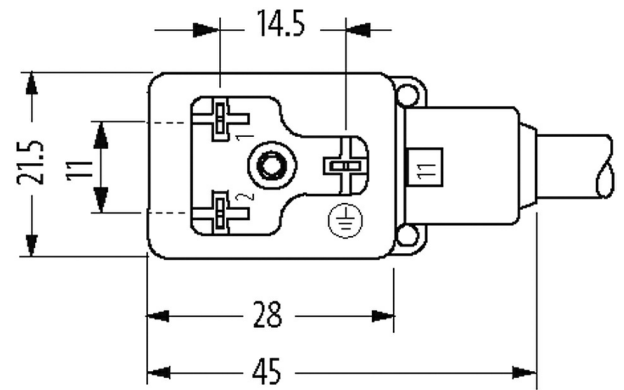
Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

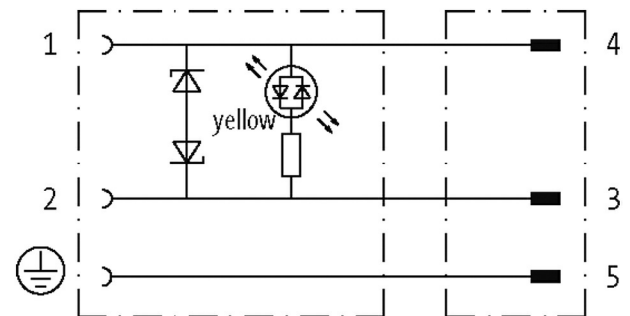
The resistance to aggressive media should be individually tested for your application. Further details on request.

[Link to Product](#)

Illustration

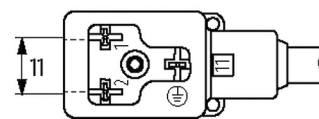


Height: 30 mm



Female

Male



Product may differ from Image

**Form**

Form 40961

**General data**

Pollution Degree 3  
 Temperature range -25...+85 °C, depending on cable quality

**Cables**

No./diameter of wires 3 × 0.75 mm<sup>2</sup>  
 Wire isolation PVC (bk num, gnye)  
 Material (jacket) PVC  
 Outer Ø 5.9 mm ±5%  
 Bend radius (moving) 10 × outer Ø  
 Temperature range (fixed) -30...+70 °C

Temperature range (mobile)	-5...+70 °C
Cable identification	616
Cable Type	1 (PVC)
Approval (cable)	CE conform
Cable weight [g/m]	61,60
Material (wire)	Cu wire, bare
Resistor (core)	max. 26 Ω/km (20 °C)
Single wire Ø (core)	0.2 mm
Construction (core)	24× 0.2 mm (multi-strand wire class 5)
Diameter (core)	3× 0.75 mm <sup>2</sup>
AWG	similar to AWG 18
Material (wire isolation)	PVC
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	43 ±5 D
Wire-Ø incl. isolation	1.8 mm ±5%
Color/numbering of wires	bk numbered, gnye longitudinally striped
Stranding combination	3 wires twisted
Shield	no
Material (jacket)	PVC
Material property (jacket)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (jacket)	80 ±5 A
Outer-Ø (jacket)	5.9 mm ±5%
Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	300/500 V AC
Test voltage	3000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30...+70 °C
Temperature range (mobile)	-5...+70 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
Jacket Color	black

#### Technical Data

Operating voltage	24 V AC ±20% / DC ±25%
Rated surge voltage	0.8 kV
Operating current per contact	max. 4 A
No. of poles	3
Material group	IEC 60664-1, category II
Coding	M12, A-coded
LED display	yellow
Locking of ports	M3 (recommended torque 0.4 Nm)
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)
Housing	Black plastic (gray on request)
Additional suppressor	Z-Diode

#### Commercial data

country of origin	CZ
customs tariff number	85444290
EAN	4048879105286

eClass 27279218

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Packaging unit 1