

M12 MALE 0° / MSUD VALVE PLUG FORM BI 11MM

PVC 3X0.75 black 1m

MSUD

Form BI (11 mm) – M12, male straight

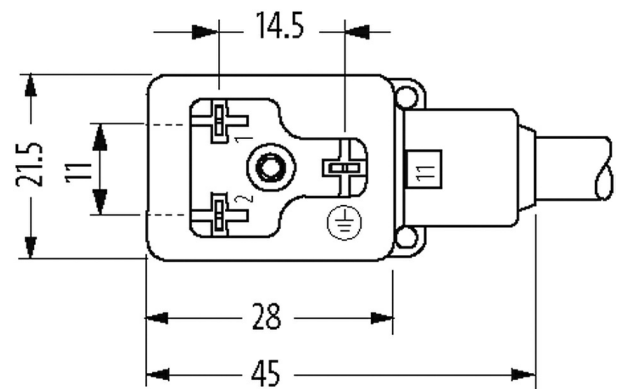
24 V AC $\pm 20\%$ / DC $\pm 25\%$

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.

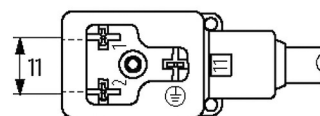
Illustration

Height: 30 mm



Female

Male



Product may differ from Image

Approvals

cCSAus

* only for products with UL/CSA approved cable

Form

Form 40961

Cables

No./diameter of wires	3 × 0.75 mm ²
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 ²
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%
Operating current per contact	max. 4 A
Switch off peak	max. 55 V
Switch off delay time	max. 20 ms
Locking of ports	M3/M12 × 1 mm (recommended torque 0.4/0.6 Nm)
Housing	Black plastic (gray on request)

Protection IP67 inserted and tightened (EN 60529)

Rated surge voltage 0.8 kV

General data

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

Commercial data

country of origin CZ

customs tariff number 85444290

EAN 4048879148924

eClass 27279218

Packaging unit 1

Sketch

Product may differ from Image