

M12 MALE 0° / MSUD VALVE PLUG FORM A 18MM

PVC 3X0.75 black 6m

Form A (18 mm) – M12, male straight

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

LED and suppression

Bridged PE

A-coded

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**

Female

Male



Product may differ from Image

Approvals

cCSAus

* only for products with UL/CSA approved cable

Form

Form 40881

General data

Pollution Degree 3

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

Material (gasket) PUR

Cables

No./diameter of wires 3× 0.75 mm²

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 mm²

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

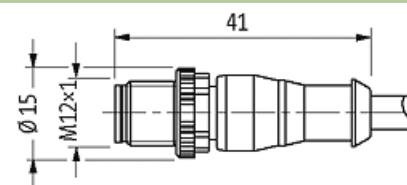
Jacket Color black

Technical Data

Operating voltage	24 V AC $\pm 20\%$ / DC $\pm 25\%$
Rated surge voltage	0.8 kV
Operating current per contact	max. 4 A
Current consumption	max. 15 mA
Material group	IEC 60664-1, category I
Switch off peak	max. 55 V
Switch off delay time	max. 20 ms
Coding	A-coded
LED display	yellow
Locking of ports	M3/M12 $\times$ 1 mm (recommended torque 0.4/0.6 Nm)
Compression gland	M12 (SW13)
Protection	IP67 inserted and tightened (EN 60529)
Locking material	Zinc die casting, matte nickel plated
Material	MSUD (PBT); M12 (PUR)
suitable for corrugated tube (internal $\varnothing$)	10 mm
Housing	Black plastic (gray on request)

Commercial data

country of origin	CZ
customs tariff number	85444290
EAN	4048879471497
eClass	27279218
Packaging unit	1

Sketch

Product may differ from Image