

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

PVC 3X0.75 GRAY, 0.6m

Form A (18 mm) – M12, male straight

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

LED and suppression

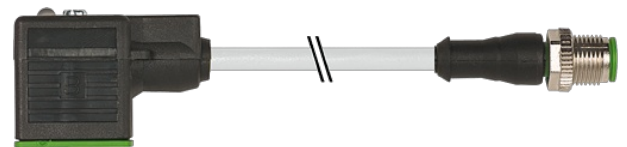
Bridged PE

A-coded

Further cable lengths on request.

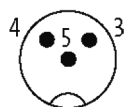
Plastic housings with good resistance against chemicals and oils.

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 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 216

Cable Type 1 (PVC)

Approval (cable) CE conform

Cable weight [g/m] 63,80

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) gray

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

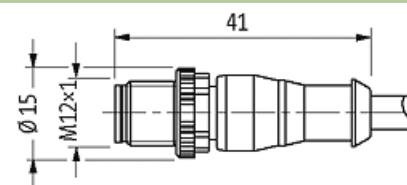
Jacket Color gray

**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                   | 4048879152723 |
| eClass                | 27279218      |
| Packaging unit        | 1             |

**Sketch**

Product may differ from Image