

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

PUR 3X0.75 GRAY, 1m

Form A (18 mm) – M12, male straight

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

LED and suppression

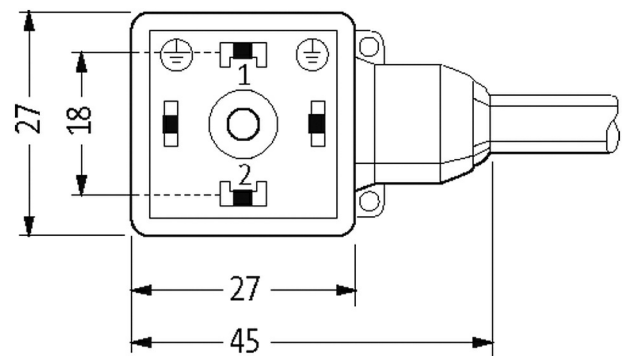
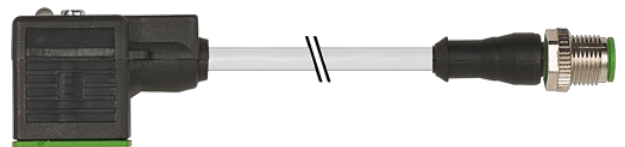
Bridged PE

A-coded

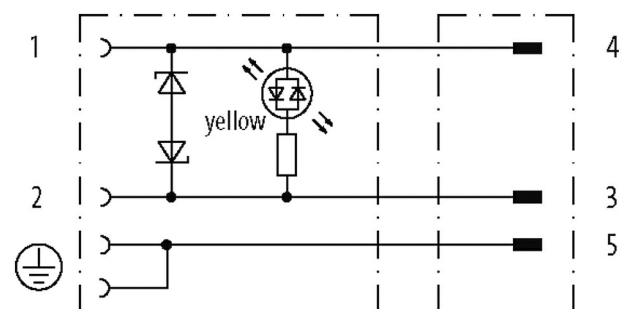
Further cable lengths on request.

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.

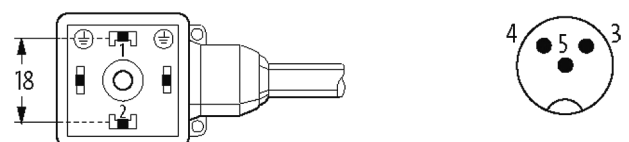
[Link to Product](#)**Illustration**

Height: 30 mm



Female

Male



Product may differ from Image

Approvals

cCSAus	* only for products with UL/CSA approved cable
--------	--

Form

Form	40881
------	-------

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)

General data

Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality
Material (gasket)	PUR

Cables

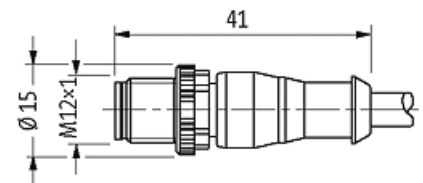
No./diameter of wires	3 \times 0.75 mm ²
Wire isolation	PVC (bk num, gnye)
C-track properties	2 Mio.
Material (jacket)	PUR/PVC (UL/CSA)
Outer \varnothing	5.9 mm $\pm 5\%$
Bend radius (moving)	15 \times outer \varnothing
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Cable identification	226
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	55,33
Material (wire)	Cu wire, bare
Resistor (core)	max. 26 Ω /km (20 °C)
Single wire \varnothing (core)	0.15 mm
Construction (core)	42 \times 0.15 mm (multi-strand wire class 6)
Diameter (core)	3 \times 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)	PUR/PVC
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
Shore hardness (jacket)	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
Outer-Ø (jacket)	5.9 mm ±5%
Color (jacket)	gray
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	UL 300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Bend radius (fixed)	10× outer Ø
Bend radius (moving)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Traversing distance (C-track)	max. 5 m (horizontal)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s ²
Jacket Color	gray

Commercial data

country of origin	CZ
customs tariff number	85444290
EAN	4048879152594
eClass	27279218
Packaging unit	1

Sketch



Product may differ from Image