

M12 MALE 90° / MSUD VALVE PLUG FORM A 18MM

PUR 5X0.34 YELLOW, 1m

MSUD

Form A (18 mm) – M12, male 90°

24 V DC $\pm 25\%$

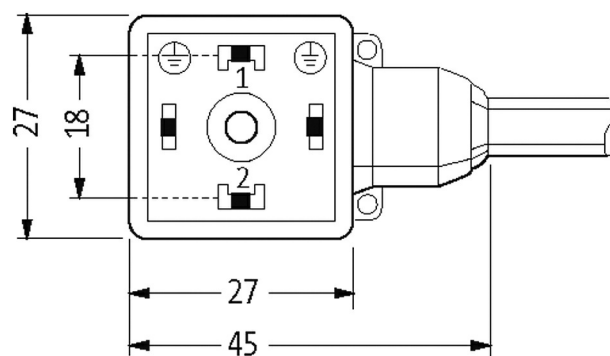
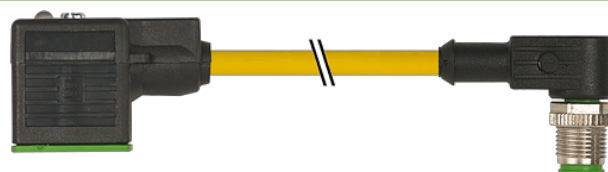
LED (yellow/green)

for pressure switches

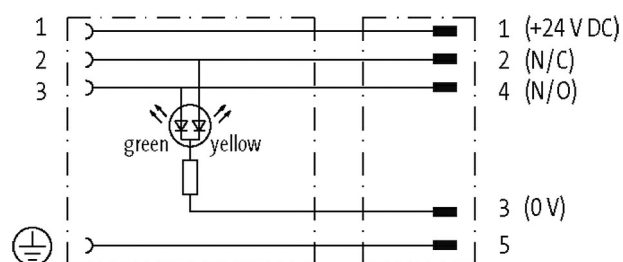
Further cable lengths on request.

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.

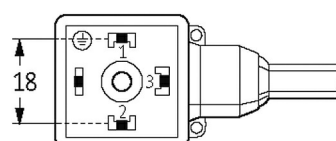
Illustration

Height: 30 mm



Female

Male



Product may differ from Image

Approvals



Cables	
No./diameter of wires	5× 0.34 mm ²
Wire isolation	PVC (br, wh, bl, bk, gnye)
C-track properties	2 Mio.
Material (jacket)	PUR/PVC (UL/CSA)
Outer Ø	5.9 mm ±5%
Bend radius (moving)	15× outer Ø
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Cable identification	025
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	54,78
Material (wire)	Cu wire, bare
Resistor (core)	max. 57 Ω/km (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	42× 0.1 mm (multi-strand wire class 6)
Diameter (core)	5× 0.34 mm ²
AWG	similar to AWG 22
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	1.25 mm ±5%
Color/numbering of wires	br, bk, bl, wh, gnye longitudinally striped
Stranding combination	5 wires twisted around central filler
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)	yellow
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	yellow

Technical Data

Operating voltage	24 V DC $\pm 25\%$
Operating current per contact	max. 4 A
Current consumption	approx. 12 mA
Housing	Black plastic (gray on request)
Locking of ports	M3/M12 $\times$ 1 mm (recommended torque 0.4/0.6 Nm)
Protection	IP66K, IP67 inserted and tightened (EN 60529)
Rated surge voltage	0.8 kV

General data

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

country of origin	CZ
customs tariff number	85444290
EAN	4048879610377
eClass	27279218
Packaging unit	1