

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

PUR 5X0.34 YELLOW, UL/CSA, drag ch 0.6m

MSUD

Form A (18 mm) – M12, male 90°

24 V DC $\pm 25\%$

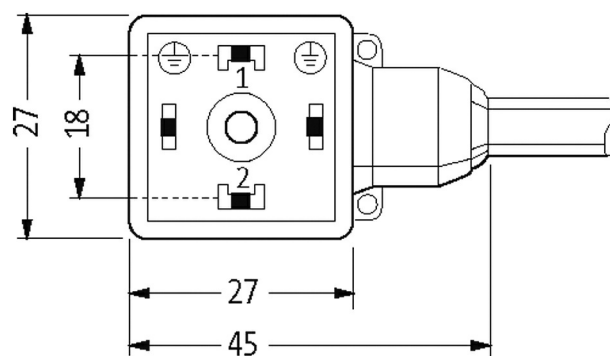
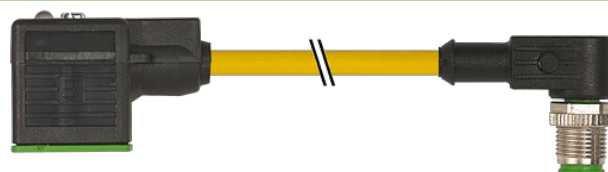
LED (yellow/green)

for pressure switches

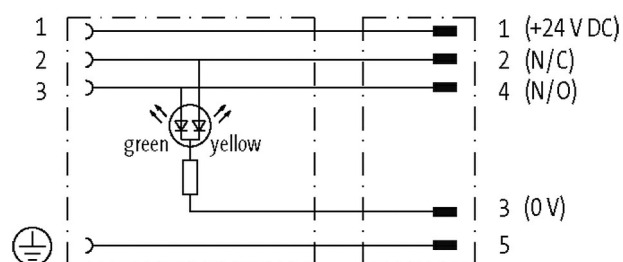
Further cable lengths on request.

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.

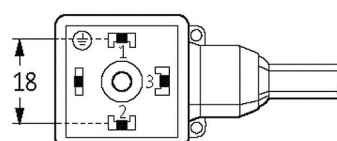
Illustration

Height: 30 mm



Female

Male



Product may differ from Image

Approvals



Cables	
No./diameter of wires	5× 0.34 mm ²
Wire isolation	PP (br, wh, bl, bk, gnye)
C-track properties	10 Mio.
Material (jacket)	PUR (UL/CSA)
Outer Ø	4.8 mm ±5%
Bend radius (moving)	10× outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-25...+80 °C
Cable identification	035
Cable Type	3 (PUR)
Approval (cable)	cURus (AWM-Style 20549/10493); CE conform
Cable weight [g/m]	41,80
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)	PP
Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	70 ±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
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)	90 ±5 A
Outer-Ø (jacket)	4.8 mm ±5%
Color (jacket)	yellow
chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2
Nominal voltage	300 V AC
Test voltage	2500 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-40...+80 °C, (+90 °C at max. 10 000 operating hours)
Temperature range (mobile)	-25...+80 °C, (+90 °C at max. 10 000 operating hours)
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track)	max. 10 Mio. (25 °C)
Travel speed (C-track)	max. 3 m/s
Acceleration (C-track)	max. 10 m/s ²
Torsion stress	±180 °/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min

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

Commercial data

country of origin CZ

customs tariff number 85444290

EAN 4048879610414

eClass 27279218

Packaging unit 1