

**M12 male 0° A-cod. / MSUD valve plug A-18mm**

PUR 5x0.34 bk UL/CSA+drag ch. 0.7m

Form A (18 mm) – M12, male straight

24 V DC  $\pm 25\%$ 

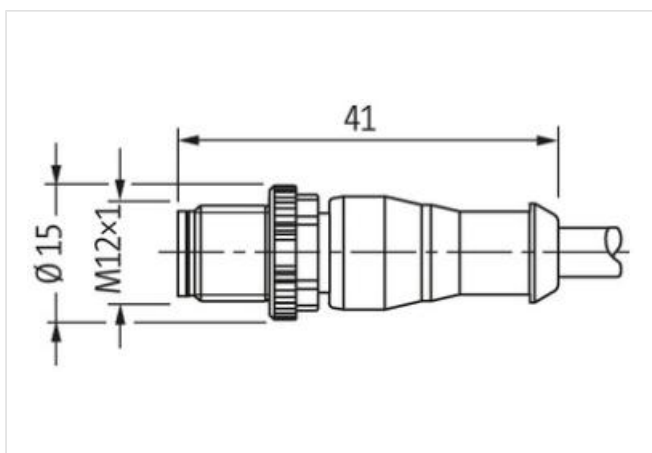
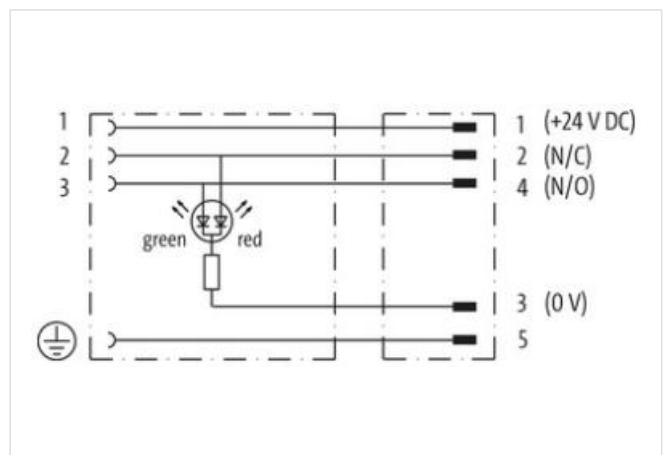
LED (red/green)

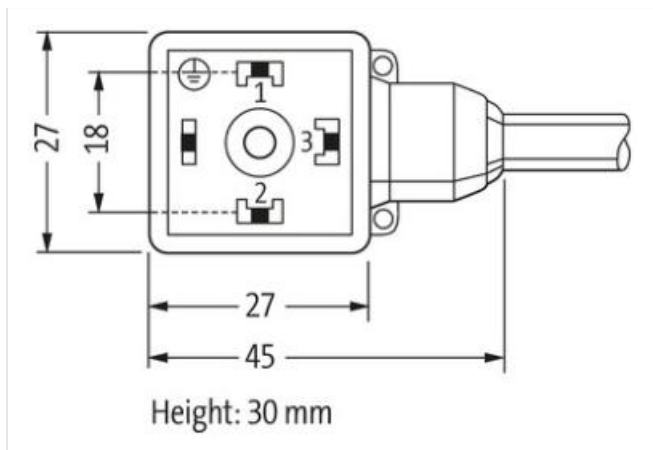
for pressure switches

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.

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



Product may differ from Image



\* only for products with UL/CSA approved cable

**Form**

Form 40921

**Technical Data**

Operating voltage	24 V DC $\pm 25\%$
Rated surge voltage	0.8 kV
Operating current per contact	max. 4 A
Locking of ports	M3/M12×1 mm (recommended torque 0.4/0.6 Nm)
Protection	IP67 inserted and tightened (EN 60529)
Housing	Black plastic (gray on request)
Compression gland	M12 (SW13)

**General data**

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

**Cables**

No./diameter of wires	5× 0.34 mm <sup>2</sup>
Wire isolation	PP (br, wh, bl, bk, gnye)
C-track properties	10 Mio.
Outer Ø	4.8 mm $\pm 5\%$
Cable identification	635
Cable Type	3 (PUR)
Approval (cable)	cURus (AWM-Style 20549/10493); CE conform
Cable weight [g/m]	41,8 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 57 $\Omega$ /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 <sup>2</sup>
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 $\pm 5$ D
Wire-Ø incl. isolation	1.25 mm $\pm 5\%$
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)	black
Jacket Color	black
chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
thermal resistance	flame retardand UL 1581 Section 1090 (H), CSA FT2 / 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
Temperature range (fixed)	-40...+80 °C, (+90 °C at max. 10 000 operating hours)
Temperature range (mobile)	-25...+80 °C
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
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/s²
Torsion stress	±180°/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min
Material (jacket)	PUR (UL/CSA)
Product article number of manufacturer	7000-40921-6350070
Cable length	0,7 m