

**M12 male on back A-cod. / MSUD double valve A-18mm**

PUR 3x0.75 gy UL/CSA+drag ch. 0m

Form A (18 mm) – M12, connector at the rear

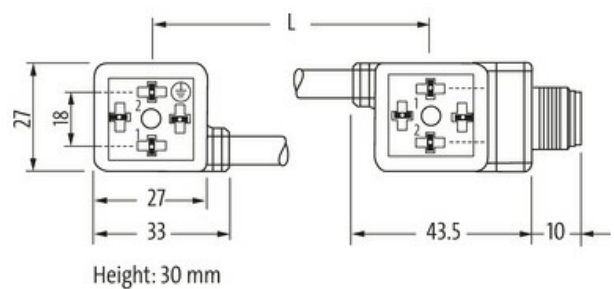
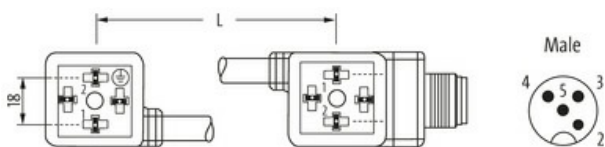
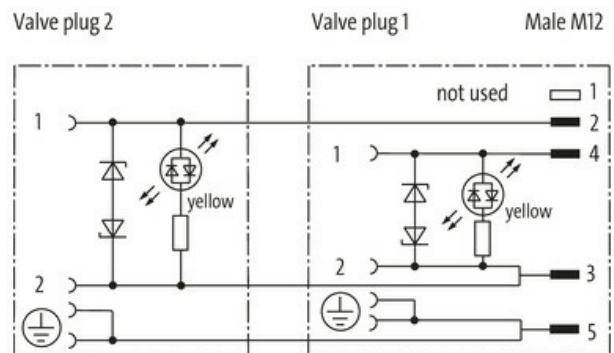
24 V AC  $\pm 20\%$  / DC  $\pm 25\%$ 

LED and suppression

Connection cable L = 150 mm

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 41581

**Technical Data**

Operating voltage	24 V AC $\pm 20\%$ / DC $\pm 25\%$
Operating current per contact	max. 4 A
Switch off peak	max. 55 V
Locking of ports	M3 (recommended torque 0.4 Nm)
Protection	IP67 inserted and tightened (EN 60529)
Housing	Black plastic (gray on request)
Switch off delay time	max. 20 ms

**General data**

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

Cables	
No./diameter of wires	3× 0.75 mm <sup>2</sup>
Wire isolation	PP (bk num, gnye)
C-track properties	10 Mio.
Outer Ø	5.9 mm ±5%
Cable identification	236
Cable Type	3 (PUR)
Approval (cable)	cURus (AWM-Style 20549/10493); CE conform
Cable weight [g/m]	56,1 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 26 Ω/km (20 °C)
Single wire Ø (core)	0.15 mm
Construction (core)	42× 0.15 mm (multi-strand wire class 6)
Diameter (core)	3× 0.75 mm <sup>2</sup>
AWG	similar to AWG 18
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	1.85 mm ±5%
Color/numbering of wires	bk numbered, gnye longitudinally striped
Stranding combination	3 wires twisted
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)	5.9 mm ±5%
Color (jacket)	gray
Cable labeling	see frame delivery specifications 7000-00000-001
Jacket Color	gray
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/s <sup>2</sup>
Torsion stress	±180°/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min
Material (jacket)	PUR (UL/CSA)
Commercial data	
country of origin	CZ
customs tariff number	85444290
EAN	4048879144162
eClass	27143423

Packaging unit

1.000