

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

PUR 3x0.75 gy UL/CSA 0m

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

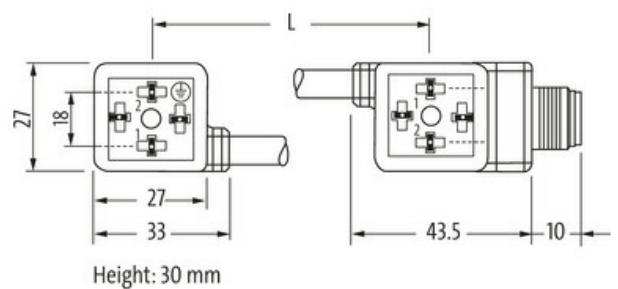
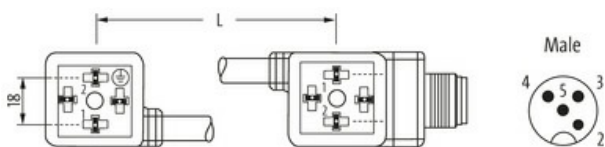
24 V AC $\pm 20\%$ / DC $\pm 25\%$

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 ²
Wire isolation	PVC (bk num, gnye)
C-track properties	2 Mio.
Outer Ø	5.9 mm ±5%
Cable identification	226
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	55,33 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 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
Cable labeling	see frame delivery specifications 7000-00000-001
Jacket Color	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
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Temperature range (mobile)	-5...+80 °C
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Bend radius (fixed)	10× outer Ø
Bend radius (moving)	15× outer Ø
Bend radius (moving)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s ²
Material (jacket)	PUR/PVC (UL/CSA)
Commercial data	
country of origin	CZ
customs tariff number	85444290
EAN	4048879144179
eClass	27143423
Packaging unit	1.000