

**M12 male 0° A-cod. / MSUD valve plug C-8mm**

PUR 3x0.75 gy UL/CSA 2m

Form C (8 mm) – M12, male straight

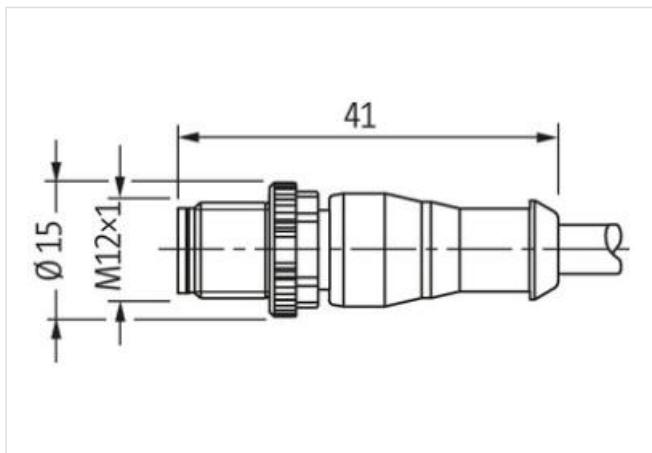
24 V AC  $\pm 20\%$  / DC  $\pm 25\%$ 

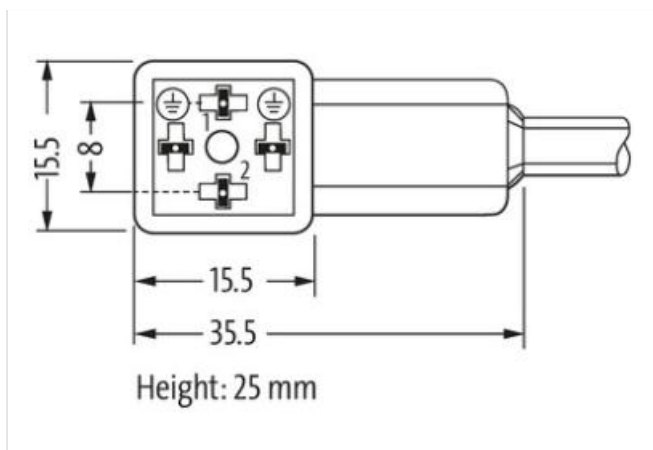
LED and suppression

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 41081

#### Technical Data

Operating voltage	24 V AC $\pm 20\%$ / DC $\pm 25\%$
Rated surge voltage	0.8 kV
Operating current per contact	max. 4 A
Switch off peak	max. 55 V
Locking of ports	M2.5/M12 (recommended torque 0.4/0.6 Nm)
Protection	IP67 inserted and tightened (EN 60529)
Locking material	Zinc die casting, matte nickel plated
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

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 $\Omega$ /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)	PVC
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	43 $\pm 5$ D
Wire-Ø incl. isolation	1.8 mm $\pm 5\%$
Color/numbering of wires	bk numbered, gnye longitudinally striped
Stranding combination	3 wires twisted
Shield	no

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2022-11-13

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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 $\pm$ 5 A (PVC-under jacket); 85 $\pm$ 5 A (PUR-jacket)
Outer-Ø (jacket)	5.9 mm $\pm$ 5%
Color (jacket)	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
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)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s <sup>2</sup>
Product article number of manufacturer	7000-41081-2260200
Cable length	2 m