

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

PVC 5x0.34 bk UL/CSA 3m

**MSUD**

Form A (18 mm) – M12, male straight

24 V DC  $\pm 25\%$ 

LED (yellow/green)

for pressure switches

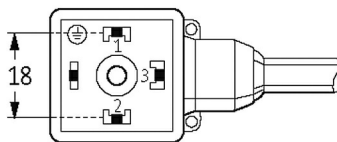
Further cable lengths on request.

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.

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

Female



Male



Product may differ from Image

\* only for products with UL/CSA approved cable

**Form**

Form

40931

**Technical Data**

Operating voltage	24 V DC $\pm 25\%$
Rated surge voltage	0.8 kV
Operating current per contact	max. 4 A
Current consumption	max. 15 mA
Material group	IEC 60664-1, category I
Coding	A-coded
LED display	(yellow/green)
Locking of ports	M3/M12 $\times$ 1 mm (recommended torque 0.4/0.6 Nm)
Compression gland	M12 (SW13)
Protection	IP67 inserted and tightened (EN 60529)
Locking material	Zinc die casting, matte nickel plated
Material	MSUD (PBT); M12 (PUR)
suitable for corrugated tube (internal $\varnothing$ )	10 mm
Housing	Black plastic (gray on request)

**General data**

Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality
Material (gasket)	PUR

**Cables**

No./diameter of wires	5 $\times$ 0.34 mm <sup>2</sup>
Wire isolation	PVC (br, wh, bl, bk, gnye)
Material (jacket)	PVC (UL/CSA)
Outer $\varnothing$	5.2 mm $\pm 5\%$
Bend radius (moving)	10 $\times$ outer $\varnothing$
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Cable identification	615
Cable Type	1 (PVC)
Approval (cable)	UL (AWM-Style 2464/1731), CSA
Cable weight [g/m]	48,40
Material (wire)	Cu wire, bare
Resistor (core)	max. 60 $\Omega$ /km (20 °C)
Single wire $\varnothing$ (core)	0.15 mm
Construction (core)	19 $\times$ 0.15 mm (multi-strand wire class 5)
Diameter (core)	5 $\times$ 0.34 mm <sup>2</sup>
AWG	similar to AWG 22
Material (wire isolation)	PVC
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	45 $\pm 5$ D
Wire- $\varnothing$ 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)	PVC
Material property (jacket)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (jacket)	85 $\pm 5$ A
Outer- $\varnothing$ (jacket)	5.2 mm $\pm 5\%$
Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1
Nominal voltage	UL 300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4

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: 03/22

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Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
Jacket Color	black

**Commercial data**

country of origin	CZ
customs tariff number	85444290
EAN	4048879327114
eClass	27279218
Packaging unit	1