

**M8 male 0° A-cod. / MSUD valve plug CI-9.4mm small**

PVC 3x0.34 bk UL/CSA 0.6m

**MSUD**

Form CI (9.4 mm) – M12, male straight

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

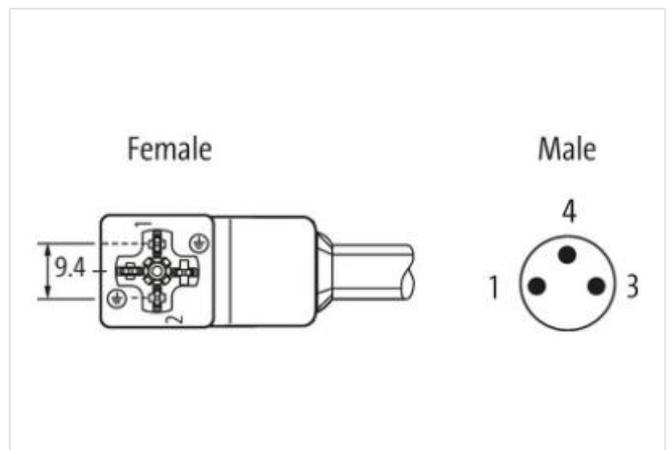
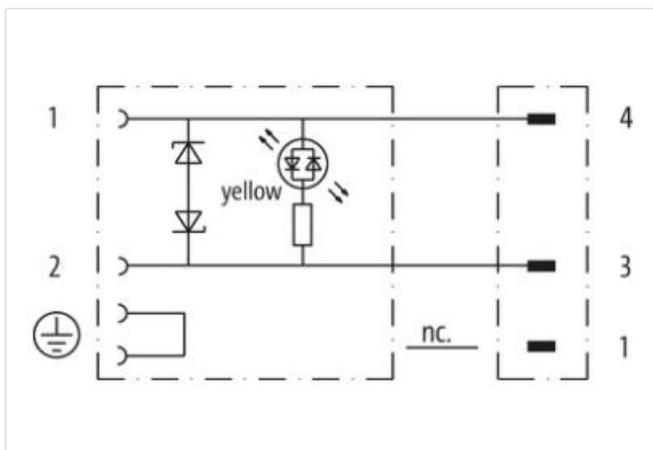
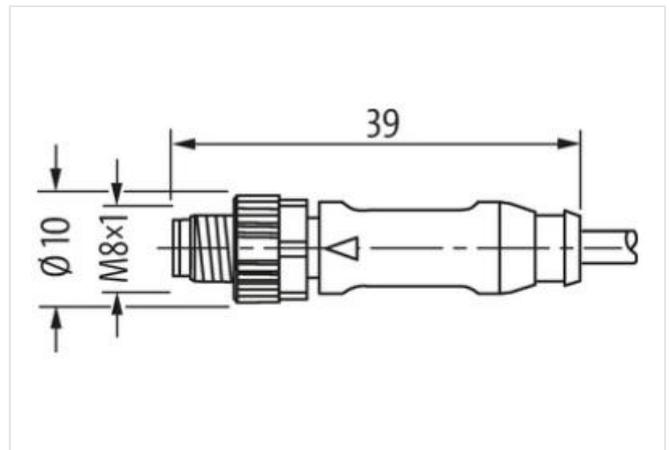
2-pole used

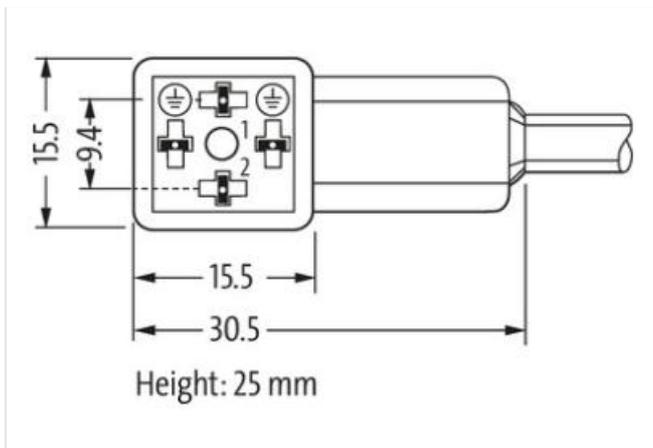
LED and suppression

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

**Form**

Form 88415

**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
Material group	IEC 60664-1, category I
Switch off peak	max. 55 V
LED display	LED (yellow)
Locking of ports	M3/M8 (recommended torque 0.4 Nm)
Protection	IP65, IP66K, IP67, IP68 inserted and tightened (EN 60529)
Material	MSUD (PBT); M8 (PUR)
Locking material	Zinc die casting, matte nickel plated
Housing	Black plastic (gray on request)
Additional suppressor	Diode/Z-Diode
Compression gland	M8 (SW9)
Switch off delay time	max. 20 ms

**General data**

Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

**Cables**

No./diameter of wires	3 x 0.34 mm <sup>2</sup>
Wire isolation	PVC (br, bl, bk)
Outer Ø	4.6 mm $\pm 5\%$
Cable identification	613
Cable Type	1 (PVC)
Approval (cable)	UL (AWM-Style 2464/1731), CSA
Cable weight [g/m]	34,1 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 60 $\Omega$ /km (20 °C)
Single wire Ø (core)	0.15 mm
Construction (core)	19 x 0.15 mm (multi-strand wire class 5)
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-Ø incl. isolation	1.25 mm $\pm 5\%$

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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Color/numbering of wires	br, bk, bl
Stranding combination	3 wires twisted
Shield	no
Material (jacket)	PVC
Material property (jacket)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (jacket)	85 ±5 A
Outer-Ø (jacket)	4.6 mm ±5%
Color (jacket)	black
Jacket Color	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
Temperature range (fixed)	-30...+80 °C
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Temperature range (mobile)	-5...+80 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
Bend radius (moving)	10× outer Ø
Material (jacket)	PVC (UL/CSA)
Product article number of manufacturer	7000-88415-6130060
Cable length	0,6 m