

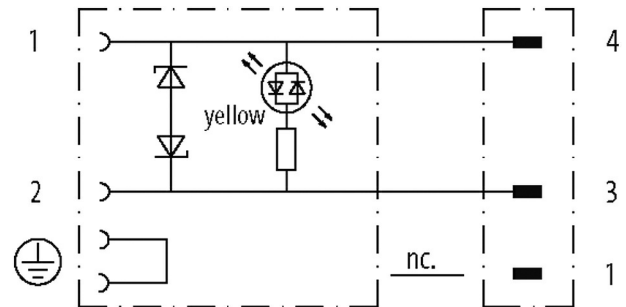
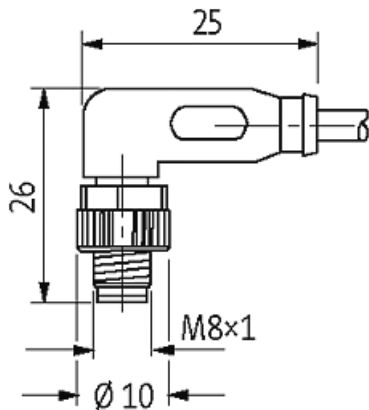
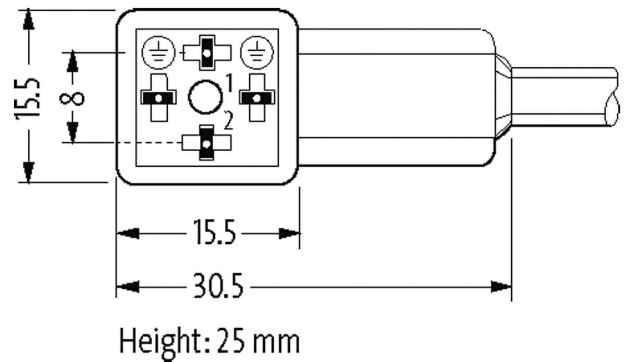
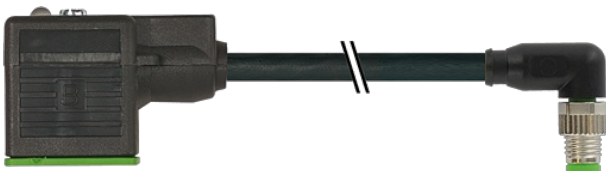
**M8 male 90° A-cod. / MSUD valve plug C-8mm small**

PVC 3x0.34 bk UL/CSA 1.5m

MSUD  
 Form C (8 mm) – M8, male straight  
 Form C (8 mm)  
 4-pole  
 Male M8  
 90°  
 3-pole  
 24 V AC ±20% / DC ±25%  
 Z-Diode + LED  
 Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

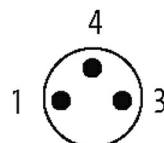
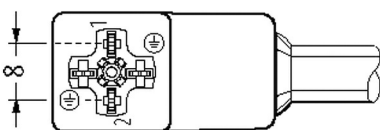
[Link to Product](#)

**Illustration**



Female

Male



Product may differ from Image

**Form**

Form

88441

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
No. of poles	MSUD (4); M8 (3)
Current consumption	15 mA
Material group	IEC 60664-1, category I
Switch off peak	max. 55 V
LED display	yellow
Locking of ports	M2.5/M8 (recommended torque 0.4 Nm)
Compression gland	M8 (SW9)
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)
Material	MSUD (PBT); M8 (PUR)
Locking material	Zinc die casting, matte nickel plated
suitable for corrugated tube (internal $\varnothing$ )	6.5 mm
Housing	Black plastic (gray on request)
Additional suppressor	Diode/Z-Diode
General data	
Standards	DIN EN 61076-2-104 (M8)
Mounting method	inserted, tightened
Material (contact)	Copper alloy
Material (contact surface)	MSUD (Ag); M8 (Au)
Material (gasket)	PUR
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality
Cables	
No./diameter of wires	3x 0.34 mm <sup>2</sup>
Wire isolation	PVC (br, bl, bk)
Material (jacket)	PVC (UL/CSA)
Outer $\varnothing$	4.6 mm $\pm 5\%$
Bend radius (moving)	10x outer $\varnothing$
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Cable identification	613
Cable Type	1 (PVC)
Approval (cable)	UL (AWM-Style 2464/1731), CSA
Cable weight [g/m]	34,10
Material (wire)	Cu wire, bare
Resistor (core)	max. 60 $\Omega$ /km (20 °C)
Single wire $\varnothing$ (core)	0.15 mm
Construction (core)	19x 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- $\varnothing$ incl. isolation	1.25 mm $\pm 5\%$
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 $\pm 5$ A
Outer- $\varnothing$ (jacket)	4.6 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
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	4048879119412
eClass	27279218
Packaging unit	1