

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

PVC 3x0.34 bk UL/CSA 0.6m

MSUD

Plastic housings with good resistance against chemicals and oils.

Form C (8 mm)

Male M8

90°

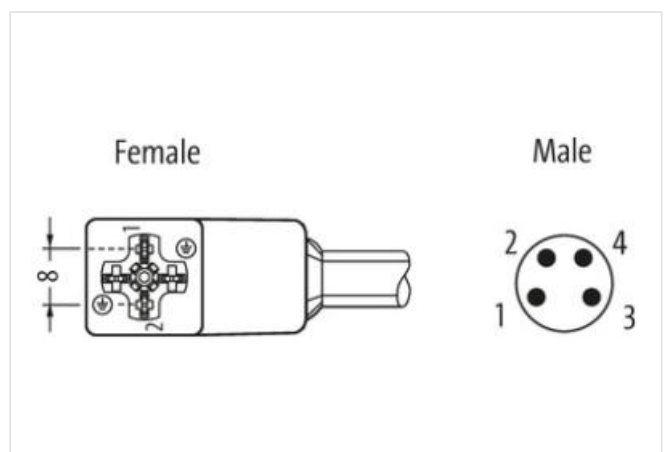
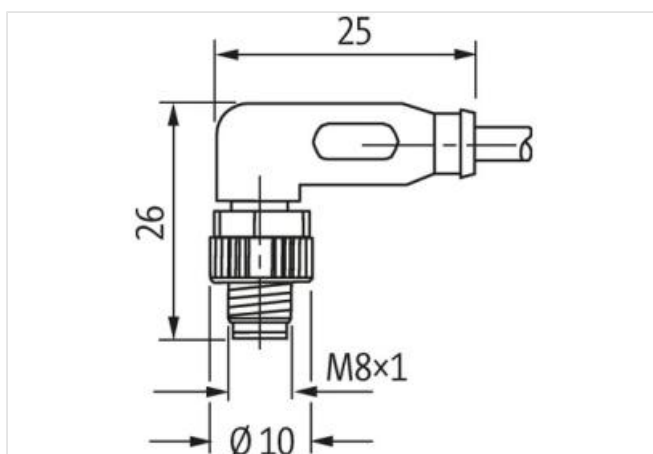
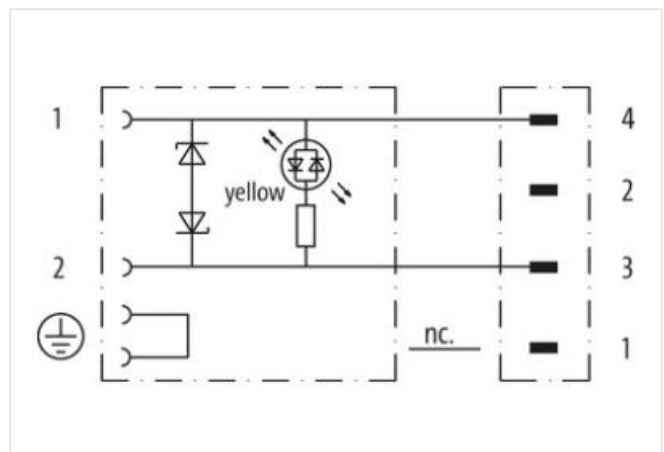
24 V AC $\pm 20\%$ / DC $\pm 25\%$

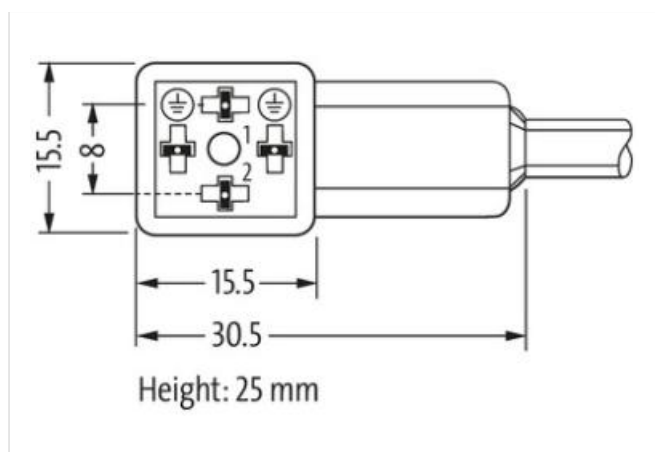
4-pole

Z-Diode + LED

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

Further cable lengths on request.

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



Product may differ from Image

Cable length	0,6 m
Side 1	
Tightening torque head 1	0,4 Nm
Mounting method	inserted, screwed
Coating contact head 1	silver-plated
Family form head 1	MSUD
Thread	M2.5
Inner diameter contour for corrugated hose head 1	6,5 mm
Material contact	Copper alloy
Material head 1	PUR
Number of poles head 1	4
Side 2	
Tightening torque head 2	0,4 Nm
Mounting method	inserted, screwed
Coating contact head 2	gold plated
Family form head 2	M8
Thread	M8 x 1
Material contact	Copper alloy
Material head 2	PBT
Number of poles head 2	4
Width across flats head 2	SW9
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879119238
Packaging unit	1
Electrical data Supply	
Operating voltage AC	24 V
Operating voltage AC min.	19,2 V

Operating voltage AC max.	28,8 V
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Cut-off peak voltage max.	55 V
Current operating per contact max.	4 A
Current consumption max.	15 mA

Diagnostics

Status indication LED	yellow
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Device protection | Electrical

Degree of protection (EN IEC 60529)	IP65, IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I
Additional suppressor	Diode, Z-Diode

Mechanical data | Material data

Coating locking	Nickeled
Color housing	black
Material gasket	PUR
Material housing	Plastic
Locking material	Zinc die-casting

Mechanical data | Mounting data

Mounting method	inserted, screwed
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Environmental characteristics | Climatic

Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

Conformities, approvals, certificates

Product standard	DIN EN 61076-2-114 (M8)
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Cable

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 Ω/km (20 °C)
Single wire Ø (core)	0.15 mm
Construction (core)	19× 0.15 mm (multi-strand wire class 5)
AWG	similar to AWG 22
Material wire isolation	PVC
Material property wire insulation	CFC-, cadmium-, silicone- and lead-free
Shore hardness wire isolation	45 ±5 D
Wire-Ø incl. isolation	1.25 mm ±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 ±5 A
Outer-Ø (jacket)	4.6 mm ±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