

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

PVC 3x0.34 bk UL/CSA 2m

MSUD

Plastic housings with good resistance against chemicals and oils.

Form CI (9.4 mm)

Male M8

straight

24 V AC ±20% / DC ±25%

4-pole

Z-Diode + LED

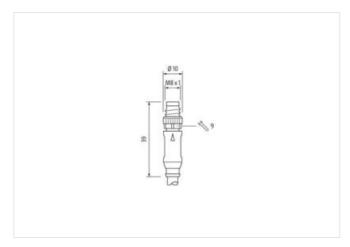
Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

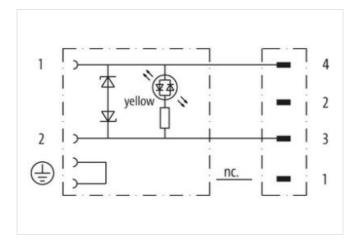
Further cable lengths on request.

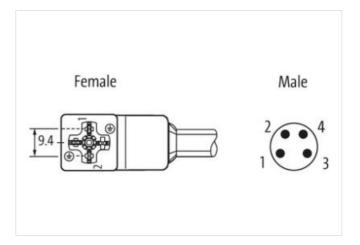
Link to Product

Illustration



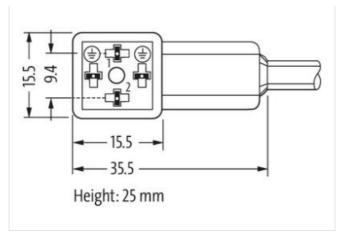








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Product may differ from Image

Side 1 Tightening torque 0.4 Nm Mounting method inserted, screwed Coating contact silver-plated Family construction form MSUD Thread M3 Suitable for corrugated tube (internal Ø) 6.5 mm Material contact Copper alloy Material contact Copper alloy Material proque 0.4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 Material contact Copper alloy Material contact Copper alloy Material contact Copper alloy Material contact Sw9 Commercial data SW9 Col. Ass 6.0 27279218 ECLASS 8.0 27279218 ECLASS 9.0 27060312 ECLASS 9.0 27060312	Cable length	2 m
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suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy Material PUR No. of poles 4 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 Material contact Copper alloy Material PBT No. of poles 4 Width across flats SW9 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ETIM-5.0 E001855 customs tariff number 85444290 GTIN 4048879119009 Packaging unit 1 Electrical data Supply Operating volta	Family construction form	MSUD
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Material contact Copper alloy Material PBT No. of poles 4 Width across flats 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 4048879119009 Packaging unit 1 Electrical data Supply Operating voltage AC 24 V	Family construction form	M8
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customs tariff number 85444290 GTIN 4048879119009 Packaging unit 1 Electrical data Supply Operating voltage AC 24 V	ECLASS-12.0	27060312
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Packaging unit 1 Electrical data Supply Operating voltage AC 24 V	customs tariff number	85444290
Electrical data Supply Operating voltage AC 24 V	GTIN	4048879119009
Operating voltage AC 24 V	Packaging unit	1
	Electrical data Supply	
	Operating voltage AC	24 V
Operating voltage AC min. 19,2 V	Operating voltage AC min.	19,2 V
Operating voltage AC max. 28,8 V	Operating voltage AC max.	28,8 V

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19



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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
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 I
Additional suppressor	Diode, Z-Diode
Mechanical data Material data	blode, Z-blode
· ·	Malalad
Coating locking	Nickeled
Color housing	black
Material gasket	PUR Plastic
Material housing	
Locking material	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-114 (M8)
Installation Cable	
Cable identification	613
Cable Type	1
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	34,1 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%



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Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter