

## M8 male 90° A-cod./ MSUD valve plug CI-9.4mm small

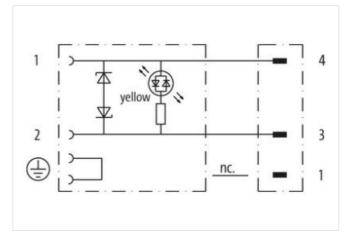
PUR 3x0.34 ye UL/CSA+drag ch. 0.3m

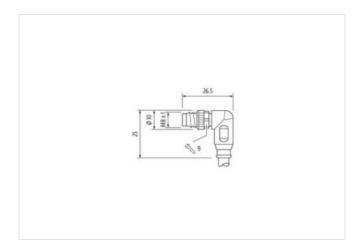
MSUD Further cable lengths on request. Form CI (9.4 mm) 4-pole Male M8 90° 3-pole 24 V AC  $\pm 20\%$  / DC  $\pm 25\%$  Z-Diode + LED Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

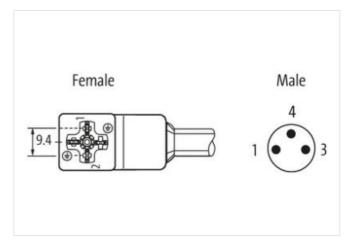
## **Link to Product**

## Illustration



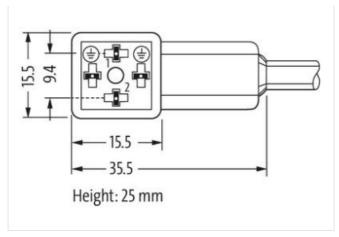








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Product may differ from Image

Side 1         Control ingention for product inserted. screwed           Mounting method         inserted. screwed           Scating construction form         MSUD           Firmular Construction form         MSUD           Material contact         Copper alloy           Material contact         Copper alloy           Material on that Contact         Copper alloy           Material on that Contact         Copper alloy           Vo. of poles (Figure Contact)         4           Side 2         Figure Contact           Figure Ing broque (Figure Contact)         0,4 Nm           Mounting method (Figure Contact)         glid plated           Family construction form (Figure Contact)         M8 X           Material Contact (Copper alloy         M8 X           Mounting method (Contact)         Copper alloy           Material Contact (Copper alloy (Contact)         M8 X           Material Contact (Copper alloy (Contact)         Copper alloy (Contact)           Mounting method (Contact)         Copper alloy (Contact)           Material Contact (Copper alloy (Contact)         Contact (Contact)	Cable length	0,3 m
Tightening torque         0.4 Nm           Mounting method         inserted, screwed           Coating contact         silver-plated           arranly construction form         MSUD           Thread         M3           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           Joanning contact         gold plated           Family construction form         M8           Thread         M8 x 1           Material contact         Copper alloy           Material         PBT           No. of poles         3           Width across flats         SW9           Colspan="2">Co		
Inserted		0.4 Nm
Silver-plated   Silver-plated		· · · · · · · · · · · · · · · · · · ·
Family construction form MSUD  Thread M3  Australed for corrugated tube (internal O) 6,5 mm  Material Copper alloy  Material PUR  No. of poles 4  Side 2  Side 2  Side 2  Side 2  Side 2  Side 1  Singthening torque 0,4 Nm  Mounting method inserted, screwed  Coating contact gold plated  Family construction form M8  Thread M8 x 1  Material PBT  No. of poles 3  Width across flats SW9  Commercial date  CCLASS-0.0 27279218  CCLASS-0.0 27279218  CCLASS-0.0 27279218  CCLASS-0.1 27060312  CCLASS-1.1 27060312  CCLASS-1.1 27060312  CCLASS-1.0 ECO1855  CCLASS-1.1 27060312  CCLASS-1.1 27060312  CCLASS-1.1 27060312  CCLASS-1.1 4048879118897  Packaging unit 4  Deparating voltage AC min. 19,2 V		•
M3		
Section   Sect		
Material contact         Copper alloy           Material (No. of poles)         4           Side 2         Side 2           Fightening torque         0.4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Firead         M8           Material contact         Copper alloy           Material contact         Copper alloy           Material contact         PBT           No. of poles         3           Width across flats         SW9           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ECLASS-12.0         27060312           ETIM-5.0         ECO1855           Dustoms tariff number         85444290           Darrackaging unit         1           Electrical data   Supply           Operating voltage AC min.         19,2 V		
Material         PUR           No. of poles         4           Side 2         Fightening torque         0.4 Nm           Mounting method         inserted, screwed           Deating contact         gold plated           Family construction form         M8           Material contact         Copper alloy           Material contact         Copper alloy           Material         PBT           No. of poles         3           Width across flats         SW9           Collass 6.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 9.0         27660312           ECLASS 1.1         27060312           ECLASS 1.2         27060312           ECLASS 1.2         27060312           ETIM 5.0         EC001855           Dustoms tariff number         85444290           ETIM 5.0         4048879118897           Packaging unit         1           Electrical data   Supply           Deperating voltage AC min.         19,2 V	-	
Side 2	Material	
Side 2           Fightening torque         0,4 Nm           Mounting method         inserted, screwed           Deating contact         gold plated           Family construction form         M8           Material contact         Copper alloy           Material contact         Copper alloy           Material words flats         SW9           Commercial dat           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060312           ECLASS-1.1.1         27060312           ECLASS-12.0         27060312           ECLASS-11.0         27060312           ECLASS-12.0         27060312           ECTASS-10         ECO1855           Sustoms tariff number         8544290           STIN         4048879118897           Packaging unit         1           Electrical data   Supply           Operating voltage AC min.         19,2 V		
Fightening torque         0,4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Fine and         M8           Thread         M8 x 1           Material contact         Copper alloy           Material         PBT           No. of poles         3           Width across flats         SW9           Commercial date           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           ECLASS-12.0         27060312           ECLASS-13.0         EC01855           customs tariff number         85444290           3TIN         4048879118897           Packaging unit         1           Electrical data   Supply           Operating voltage AC         24 V           Operating voltage AC min.         19,2 V		
Mounting method inserted, screwed  Doating contact gold plated  Tamily construction form M8  Thread M8 x 1  Material contact Copper alloy  Material PBT  No. of poles 3  Midth 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-10.1 27060312  ECLASS-11.1 27060312  ECLASS-12.0 27060312  ECLASS-12.0 27060312  ECLASS-12.0 27060312  ECLASS-12.0 27060312  ECLASS-10.1 27		O. A. Nier
Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           Material contact         Copper alloy           Material         PBT           No. of poles         3           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           ECLASS-12.0         27060312           ECLASS-10.1         4048879118897           Packaging unit         1           Electrical data   Supply           Operating voltage AC         24 V           Operating voltage AC min.         19,2 V		· · · · · · · · · · · · · · · · · · ·
Family construction form         M8           Thread         M8 x 1           Material contact         Copper alloy           Material         PBT           No. of poles         3           Width across flats         SW9           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ECLASS-12.0         27060312           ECIASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           3TIN         4048879118897           Packaging unit         1           Electrical data   Supply           Operating voltage AC         24 V           Operating voltage AC min.         19,2 V		
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Material contact         Copper alloy           Material         PBT           No. of poles         3           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           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879118897           Packaging unit         1           Electrical data   Supply           Operating voltage AC         24 V           Operating voltage AC min.         19,2 V		
Material         PBT           No. of poles         3           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           sustoms tariff number         85444290           3TIN         4048879118897           Packaging unit         1           Electrical data   Supply           Operating voltage AC         24 V           Operating voltage AC min.         19,2 V		
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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         4048879118897           Packaging unit         1           Electrical data   Supply           Operating voltage AC         24 V           Operating voltage AC min.         19,2 V		
### Commercial data  ##################################		
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Packaging unit 1  Electrical data   Supply  Operating voltage AC 24 V  Operating voltage AC min. 19,2 V	customs tariff number	
Electrical data   Supply  Operating voltage AC 24 V  Operating voltage AC min. 19,2 V	GTIN	4048879118897
Operating voltage AC 24 V Operating voltage AC min. 19,2 V	Packaging unit	1
Operating voltage AC min. 19,2 V	Electrical data   Supply	
	Operating voltage AC	24 V
Operating voltage AC max. 28,8 V	Operating voltage AC min.	19,2 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: 2024-05-10



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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)	J.
Additional suppressor	Diode, Z-Diode
Mechanical data   Material data	5,640, 2,5,640
	Nigleled
Color bousing	Nickeled
Color housing  Material gasket	black PUR
Material housing	Plastic 7:00 dia continu
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	<b>Attention:</b> 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	033
Cable Type	3
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Cable weigth	29,7 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,1 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	3



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Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min