

## M8 male $0^{\circ}$ A-cod. / MSUD valve plug CI-9.4mm small

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

**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.

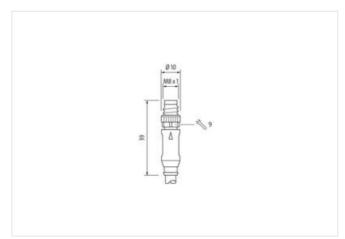
Plastic housings with good resistance against chemicals and oils.

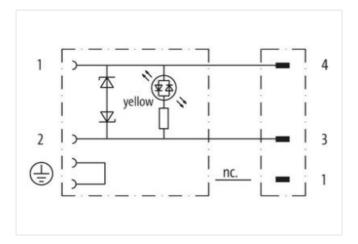
The resistance to aggressive media should be individually tested for your application. Further details on request.

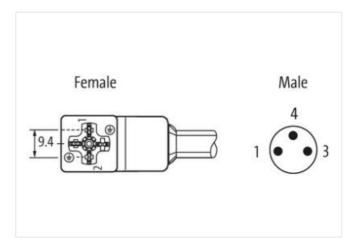
## **Link to Product**

## Illustration



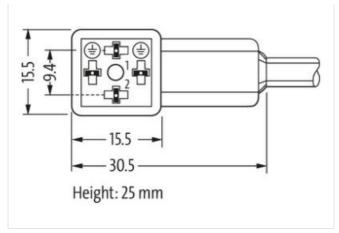








stay connected



Product may differ from Image

Cable length	0,3 m	
Side 1		
Tightening torque	0,4 Nm	
Family construction form	M8	
Thread	M3	
Material	PUR	
Width across flats	SW9	
Side 2		
Tightening torque	0,4 Nm	
Thread	M8 x 1	
Material	PBT	
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	4048879380324	
Packaging unit	1	
Electrical data		
Drop-out delay time max.	20 ms	
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	
Diagnostics		
Status indication LED	yellow	



stay connected

Pollution Degree 3 Rated surge voltage 0,8 Material group (IEC 60664-1) 1 Additional suppressor Dio Mechanical data   Material data Coating locking Nic Color housing bla Material housing Pla Locking material Zin Mechanical data   Mounting data Mounting method inst Environmental characteristics   Climatic Degrating temperature min25 Additional condition temperature range degrated on strain relief Pro Note on strain relief Pro Note on bending radius Att Enstallation   Cable Wire arrangement bro Cable identification 233 Dacket Color gra Import of Certificate CUlf Amount stranding 1 Stranding 3 were arrangement bro Cable weigth 29, Material jacket PU Material jacket PU Material jacket PU Material jacket PU  Material jacket Pu  Material jacket PU  Material jacket Pu  Material jacket Pu  Material j	astic ac die-casting erted, screwed 5 °C
Rated surge voltage  Material group (IEC 60664-1)  Additional suppressor  Mechanical data   Material data  Coating locking  Material housing  Material housing  Locking material  Mechanical data   Mounting data  Mounting method  Environmental characteristics   Climatic  Operating temperature min.  Operating temperature max.  Additional condition temperature range  Important installation notes  Note on strain relief  Note on bending radius  Installation   Cable  wire arrangement  Cable identification  Cable Type  3  Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement  Cable weigth  Material jacket  Material jacket	ode, Z-Diode  ckeled  ckeled  ckeled  ckeled  ckeled  ckeled  ckeled  cceleration  cdie-casting  certed, screwed  compared to the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  certain: Observe the permissible bending radii when laying cables, as the IP protection class can be
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Material jacket PU	own, black, blue
<u> </u>	,7 g/m
	JR
Shore hardness jacket 90	± 5 Shore A
Freedom from ingredients (jacket) lea	d-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket) 4,1	mm
Tolerance outer diameter (sheath) ± 5	5 %
Material wire insulation PP	
Amount wires 3	
Outer diameter insulation 1,2	25 mm
Outer diameter tolerance core insulation ± 5	5 %
Shore hardness wire insulation 70	± 5 Shore D
ngredient freeness wire insulation lea	d-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire) 42	
Diameter of single wires 0,1	mm
Conductor crosssection (wire) 0,3	34 mm <sup>2</sup>
Material conductor wire Str	anded copper wire, bare
Conductor type (wire) stra	and class 6
Nominal voltage AC max. 300	0 V
Current load capacity (standard) to I	-
Current load capacity min. wire 6 A	DIN VDE 0298-4



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
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min