

## M12 male 0° A-cod. / MSUD valve plug CI-9.4mm

PUR 3x0.75 bk UL/CSA+drag ch. 3m

**MSUD** 

Form CI (9.4 mm) - M12, male straight

24 V AC ±20% / DC ±25%

LED and suppression

Further cable lengths on request.

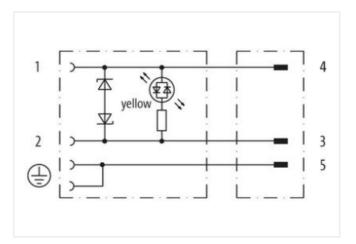
Plastic housings with good resistance against chemicals and oils.

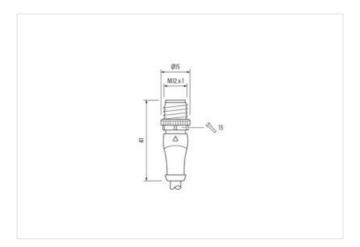
The resistance to aggressive media should be individually tested for your application. Further details on request.

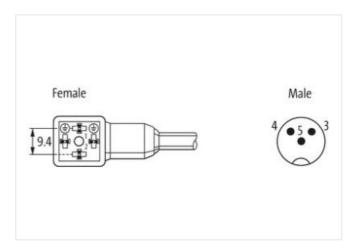
## **Link to Product**

## Illustration



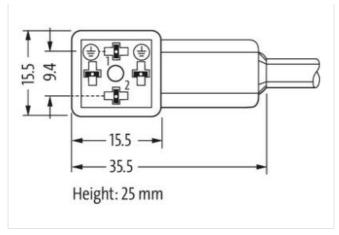








stay connected



Product may differ from Image



Cable length	3 m
Side 1	
Tightening torque	0,4 Nm
Thread	M3
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,6 Nm
Thread	M12 x 1
Degree of protection (EN IEC 60529)	IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060312
ECLASS-10.1	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879146616
Packaging unit	1
Electrical data	
Capacity CX	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



stay connected

Cut-off peak voltage max. 55 V	
Current operating per contact max. 4 A	
Device protection   Electrical	
Additional condition protection degree inserted, sc	rewed
Rated surge voltage 0,8 kV	
Mechanical data   Material data	
Color housing black	
Material housing Plastic	
Mechanical data   Mounting data	
Mounting method inserted, so	rewed
Environmental characteristics   Climatic	
Operating temperature min25 °C	
Operating temperature max. 85 °C	
	on cable quality
Installation   Cable	
·	
Cable identification 636  Cable Type 3	
	tion block)
Printing color of wire insulation white (isolar Jacket Color black	liuii viaunj
Type of Certificate cURus	
Amount stranding 1 Stranding 3 wires twis	atod
	ck 2, green-yellow
No. of bending cycles (C-track) 10 Mio. @ 2 Cable weigth 56,1 g/m	20.0
Material jacket PUR	
Shore hardness jacket 90 ± 5 Shor	Λ Λ
	admium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket) 5,9 mm	adminimmee, GFO-mee, nalogen-mee, silicone-mee
Tolerance outer diameter (sheath) ± 5 %	
Material wire insulation PP	
Amount wires 3	
Outer diameter insulation 1,85 mm	
Outer diameter insulation 1,00 min	
Shore hardness wire insulation 70 ± 5 Shore	re D
	admium-free, CFC-free, halogen-free, silicone-free
Printing color of wire insulation white (isolar	
Amount strands (wire) 42	· · · · · · · · · · · · · · · · · · ·
Diameter of single wires 0,15 mm	
Conductor crosssection (wire) 0,75 mm <sup>2</sup>	
	opper wire, bare
Conductor type (wire) strand class	
	°C   horizontal
Current load capacity (standard) to DIN VDE	: 0298-4
Current load capacity (standard) to DIN VDE  Current load capacity min. wire 12 A	: 0298-4
Current load capacity min. wire 12 A	
Current load capacity min. wire 12 A Electrical resistance line constant wire 26 $\Omega/km$ @	20 °C
Current load capacity min. wire 12 A  Electrical resistance line constant wire 26 Ω/km @  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power 25 kV @ 60	20 °C 0 s
Current load capacity min. wire     12 A       Electrical resistance line constant wire     26 Ω/km @       Nominal voltage power AC max.     300 V       Power frequency withstand voltage power (wire - jacket)     2,5 kV @ 66	20 °C 0 s
Current load capacity min. wire       12 A         Electrical resistance line constant wire       26 Ω/km @         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - jacket)       2,5 kV @ 60         AC withstand voltage power (wire - wire)       2,5 kV @ 60         Min. operating temperature (static)       -40 °C	20 °C 0 s

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: 2024-04-25



Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m