

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

PUR 3x0.75 gy UL/CSA 1m

MSUD

Form CI (9.4 mm) - M12, male straight

24 V AC ±20% / DC ±25%

LED and suppression

Further cable lengths on request.

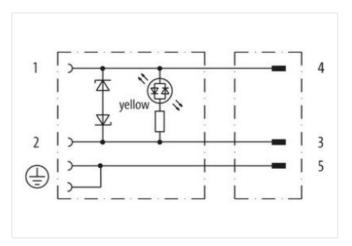
Plastic housings with good resistance against chemicals and oils.

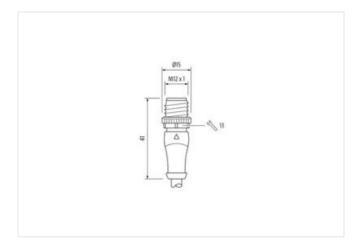
The resistance to aggressive media should be individually tested for your application. Further details on request.

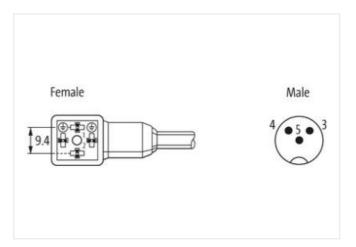
Link to Product

Illustration











stay connected



Product may differ from Image



1 m
0,4 Nm
MSUD CI
M3
4
IP67
0,6 Nm
M12
M12 x 1
10 mm
A
3
SW13
IP67
27279218
27279218
27279218
27279218
27060312
27060312
2/000312
27060312
27060312
27060312 27060312
27060312 27060312 EC001855
27060312 27060312 EC001855 85444290
27060312 27060312 EC001855 85444290 4048879146982
27060312 27060312 EC001855 85444290 4048879146982



stay connected

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
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Mechanical data Material data	
•	blad.
Color housing	black
Material housing	Plastic
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 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)
Installation Cable	
Cable identification	226
	2
Cable Type Jacket Color	
Type of Certificate	gray cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	black 1, black 2, green-yellow
Cable weigth	55,33 g/m
Material jacket	
	PUR
Shore hardness jacket	PUR
Shore hardness jacket Freedom from ingredients (jacket)	85 ± 5 Shore A
Freedom from ingredients (jacket)	85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Freedom from ingredients (jacket) Outer-diameter (jacket)	85 ± 5 Shore A
Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,9 mm
Freedom from ingredients (jacket) Outer-diameter (jacket)	85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,9 mm ± 5 %
Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket	85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,9 mm ± 5 % PVC
Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Material wire insulation	85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,9 mm ± 5 % PVC PVC 3
Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Material wire insulation Amount wires	85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,9 mm ± 5 % PVC PVC
Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,9 mm ± 5 % PVC PVC 3 1,8 mm ± 5 %
Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Material wire insulation Amount wires Outer diameter insulation	85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,9 mm ± 5 % PVC PVC 3 1,8 mm



Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,75 mm²
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	12 A
Electrical resistance line constant wire	26 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 § 1090 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	2 Mio. @ 25 °C