

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

PUR 3x0.75 ye UL/CSA+robot+drag ch. 0.6m

MSUD

Form CI (9.4 mm) - M12, male straight 24 V AC $\pm 20\%$ / DC $\pm 25\%$

LED and suppression

Further cable lengths on request.

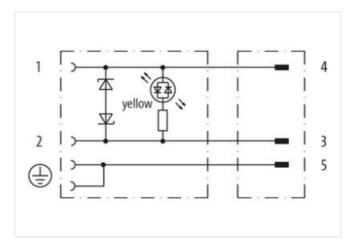
Plastic housings with good resistance against chemicals and oils.

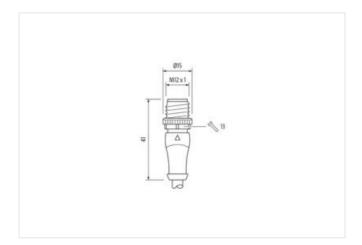
The resistance to aggressive media should be individually tested for your application. Further details on request.

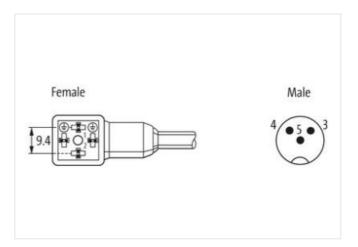
Link to Product

Illustration











stay connected



Product may differ from Image



0,6 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
27279218 27279218
27279218 27279218 27279218
27279218 27279218 27279218 27060312
27279218 27279218 27279218 27060312 27060312
27279218 27279218 27279218 27060312 27060312 27060312
27279218 27279218 27279218 27060312 27060312 27060312 27060312 EC001855 85444290
27279218 27279218 27279218 27060312 27060312 27060312 27060312 27060312 EC001855
27279218 27279218 27279218 27060312 27060312 27060312 27060312 EC001855 85444290
27279218 27279218 27260312 27060312 27060312 27060312 EC001855 85444290 4048879416412
27279218 27279218 27260312 27060312 27060312 27060312 EC001855 85444290 4048879416412



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	
·	black
Color housing Meterial 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	
Installation Cable	050
Cable identification	056
Cable identification Cable Type	5
Cable identification Cable Type Printing color of wire insulation	5 white (isolation black)
Cable identification Cable Type Printing color of wire insulation Jacket Color	5 white (isolation black) yellow
Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate	5 white (isolation black) yellow cURus
Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding	5 white (isolation black) yellow cURus 1
Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding	5 white (isolation black) yellow cURus 1 3 wires twisted
Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	5 white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow
Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track)	5 white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 5 m @ 25 °C horizontal
Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth	5 white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 5 m @ 25 °C horizontal 48,4 g/m
Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket	5 white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 5 m @ 25 °C horizontal 48,4 g/m PUR
Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket Shore hardness jacket	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 5 m @ 25 °C horizontal 48,4 g/m PUR 58 ± 3 Shore D
Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 5 m @ 25 °C horizontal 48,4 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 5 m @ 25 °C horizontal 48,4 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,2 mm
Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 5 m @ 25 °C horizontal 48,4 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,2 mm ± 5 %
Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 5 m @ 25 °C horizontal 48,4 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,2 mm ± 5 % PP
Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 5 m @ 25 °C horizontal 48,4 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,2 mm ± 5 % PP
Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 5 m @ 25 °C horizontal 48,4 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,2 mm ± 5 % PP 3 1,7 mm
Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 5 m @ 25 °C horizontal 48,4 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,2 mm ± 5 % PP 3 1,7 mm ± 5 %
Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 5 m @ 25 °C horizontal 48,4 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,2 mm ± 5 % PP 3 1,7 mm

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: 2024-05-14



Printing color of wire insulation	white (isolation black)
Amount strands (wire)	42
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)	2,5 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 § 1100 FT2 IEC 60332-2-2 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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min