

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

PUR 3x0.75 bk UL/CSA+drag ch. 1m

Art.No.: 7000-41041-6360100

Weight: 0.078 Country of origin: CZ

Model designation: MSRL3-A-W636 1.0

MSUD

Form CI (9.4 mm) - M12, male straight

24 V AC ±20% / DC ±25%

LED and suppression

Further cable lengths on request.

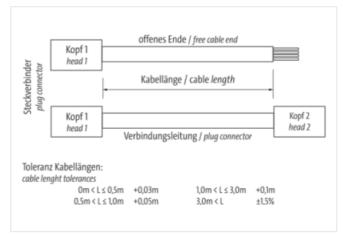
Plastic housings with good resistance against chemicals and oils.

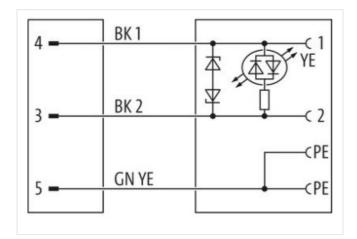
The resistance to aggressive media should be individually tested for your application. Further details on request.

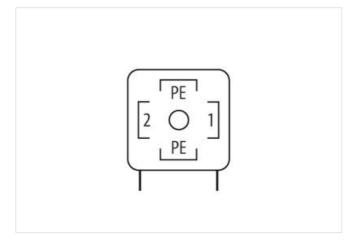
Link to Product

Illustration



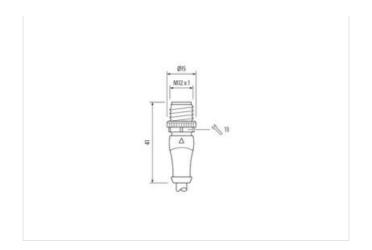


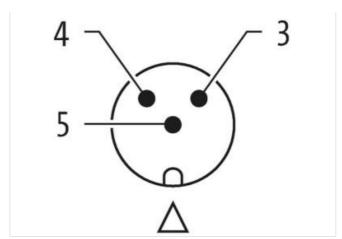


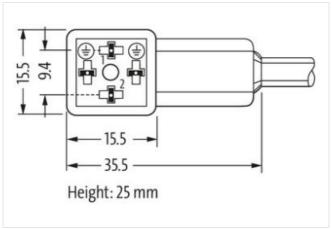




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Product may differ from Image



Cable length	1 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	MSUD CI
Thread	M3
No. of poles	4
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Commercial data	
ECLASS-6.0	27279218

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ECLASS 7.0 27279218 ECLASS 8.0 27209318 ECLASS 9.0 27060312 ECLASS 10.1 27060312 ECLASS 11.1 27060312 ECLASS 12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 customs tariff number 1 ECN Packaging unit 1 Electrical data Electrical data Supply Operating voltage AC 24 V Operating voltage AC max 28,8 V Operating voltage DC max 30 V	ECLASS-6.1	27279218
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Operating temperature max. 85 °C		
Additional condition temperature range depending on cable quality		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 strain relief	<u> </u>
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.	Note on bending radius	
Conformity	Conformity	
Product standard DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)	Product standard	DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)
Installation Cable	Installation Cable	
wire arrangement black 1, black 2, green-yellow	wire arrangement	black 1, black 2, green-yellow
Cable identification 636	Cable identification	636
Cable Type 3	Cable Type	3

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Printing color of wire insulation	white (isolation black)
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	black 1, black 2, green-yellow
Cable weigth	56,1 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)	5,9 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,85 mm
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
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
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 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