

M12 male 0° A-cod. / MSUD valve plug B-10mm

PUR 3x0.75 bk UL/CSA 7.5m

Form B (10 mm) – M12, male straight 24 V AC ±20% / DC ±25% LED and suppression

Further cable lengths on request.

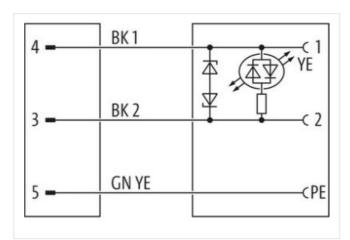
Plastic housings with good resistance against chemicals and oils.

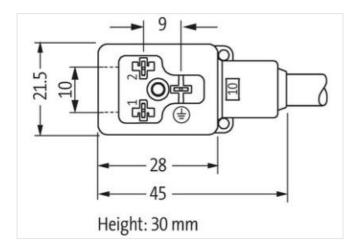
The resistance to aggressive media should be individually tested for your application. Further details on request.

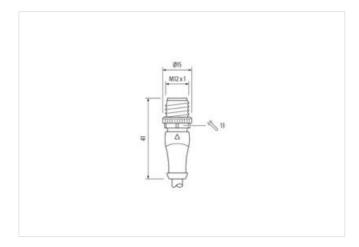
Link to Product

Illustration



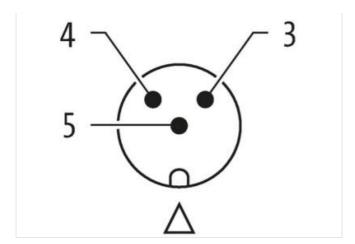


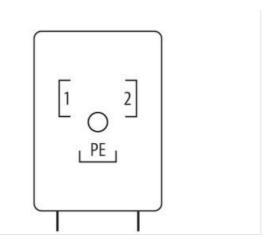






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Product may differ from Image









Cable length	7,5 m
Side 1	
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
Side 2	
Tightening torque	0,4 Nm
Family construction form	MSUD B
Thread	M3
No. of poles	3
Degree of protection (EN IEC 60529)	IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-6.1 ECLASS-7.0	27279218 27279218
ECLASS-7.0 ECLASS-8.0 ECLASS-9.0	27279218
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ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number	27279218 27260312 27060312 27060312 27060312 EC001855 85444290
ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number GTIN	27279218 27279218 27060312 27060312 27060312 27060312 EC001855
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ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number GTIN Packaging unit	27279218 27060312 27060312 27060312 27060312 EC001855 85444290 4048879550727



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 Rated surge voltage 0,8 kV Material group (IEC 60664-1) Additional suppressor Z-Diode Mechanical data | Material data Coating locking Nickeled Locking screw coating verzinkt Color housing black Material housing Plastic Locking material Zinc die-casting 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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be Note on bending radius endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD) Installation | Cable Cable identification 626 Cable Type 2 Printing color of wire insulation white (isolation black) Jacket Color black Type of Certificate cURus Amount stranding Stranding 3 wires twisted black 1, black 2, green-yellow wire arrangement Cable weigth 55,33 g/m Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 5,9 mm ±5% Tolerance outer diameter (sheath) Material inner jacket PVC Material wire insulation PVC Amount wires 3

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: 2024-05-21



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Outer diameter insulation	1,8 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	43 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-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 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C horizontal
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
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	2 Mio. @ 25 °C