

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

PVC 3x0.75 bk 0.3m

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

Further cable lengths on request.

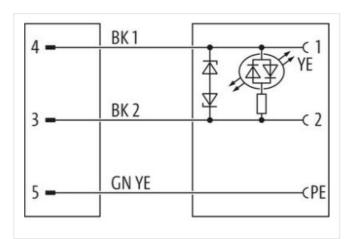
Plastic housings with good resistance against chemicals and oils.

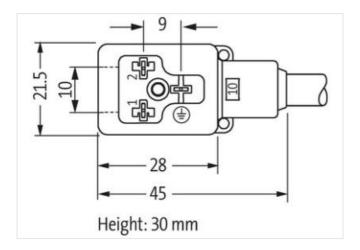
The resistance to aggressive media should be individually tested for your application. Further details on request.

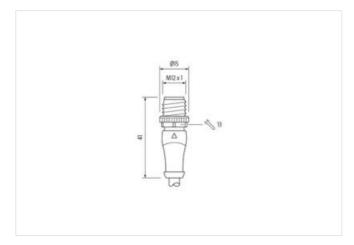
Link to Product

Illustration



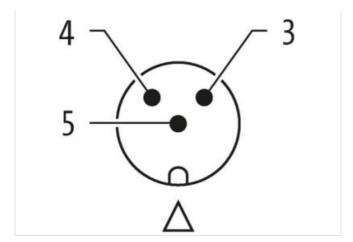


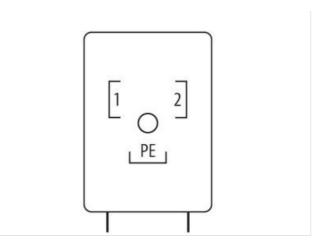






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Product may differ from Image







Cable length	0,3 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-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	4048879147705
Packaging unit	1
Electrical data	
Drop-out delay time max.	20 ms
Electrical data Supply	



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Operating voltage AC min. Operating voltage AC max. Operating voltage DC Operating voltage DC Operating voltage DC min. Operating voltage DC max. Operating voltage DC max. Operating voltage DC max. Operating voltage DC max. Out-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) I Additional suppressor Z-Diode Mechanical data Material data Coating locking Nickeled Locking screw coating verzinkt Color housing black Material housing Plastic	
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Locking material Zinc die-casting	
Mechanical data Mounting data	
Mounting method inserted, screwed	
Environmental characteristics Climatic	
Operating temperature min25 °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	e of cable ties.
Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection endangered by excessive bending forces.	tion class can be
Conformity	
Product standard DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)	
Installation Cable	
wire arrangement black 1, black 2, green-yellow	
Cable identification 616	
Cable Type 1	
Printing color of wire insulation white (isolation black)	
Jacket Color black	
Amount stranding 1	
Stranding 3 wires twisted	
wire arrangement black 1, black 2, green-yellow	
Cable weigth 61,6 g/m	
Material jacket PVC	
Shore hardness jacket 80 ± 5 Shore A	
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free	
Outer-diameter (jacket) 5,9 mm	
Tolerance outer diameter (sheath) ± 5 %	
Material wire insulation PVC	
Amount wires 3	
Outer diameter insulation 1,8 mm	



Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Printing color of wire insulation	white (isolation black)
Amount strands (wire)	24
Diameter of single wires	0,2 mm
Conductor crosssection (wire)	0,75 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Max. rated voltage (conductor - conductor)	500 V
Max. rated voltage (conductor - ground)	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)	3 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	3 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	70 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
UV resistance	DIN EN ISO 4892-2 A
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