

## M12 male 0° A-cod. / MSUD valve plug C-8mm

PUR 3x0.75 bk UL/CSA 0.6m

Form C (8 mm) – M12, male straight 24 V AC ±20% / DC ±25% LED and suppression

Further cable lengths on request.

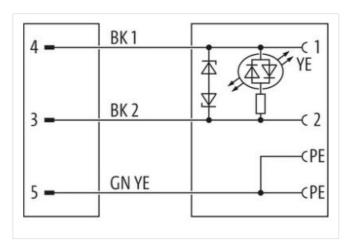
Plastic housings with good resistance against chemicals and oils.

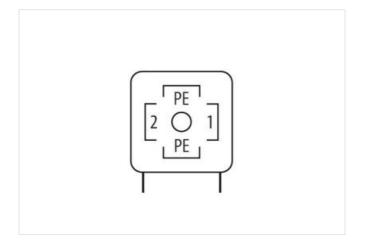
The resistance to aggressive media should be individually tested for your application. Further details on request.

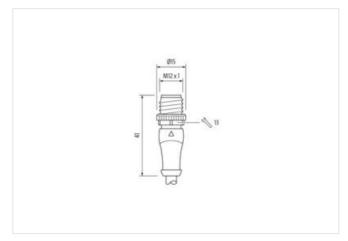
## **Link to Product**

## Illustration



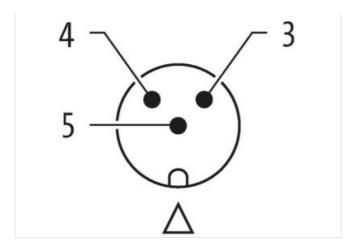


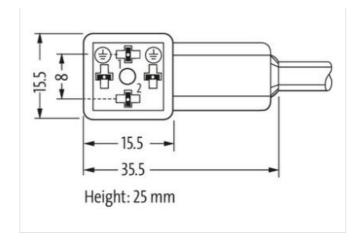






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Product may differ from Image









Cable length	0,6 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
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 C
Thread	M2.5
No. of poles	4
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	4048879145787
Packaging unit	1
Electrical data	
Capacity CX	20 ms



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Electrical data   Supply	
	24.7/
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
Material group (IEC 60664-1)	I
Additional suppressor	Z-Diode
Mechanical data   Material data	
Coating locking	Nickeled
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 (Valve Plug)
Installation   Cable	
Cable identification	626
Cable Type	2
Printing color of wire insulation	A. P. A. P. A. L. P. A. L. L. A.
Jacket Color	white (isolation black)
	black
Type of Certificate	<u>`</u>
Type of Certificate  Amount stranding	black
	black cURus
Amount stranding	black cURus 1
Amount stranding Stranding	black cURus 1 3 wires twisted
Amount stranding Stranding wire arrangement	black cURus 1 3 wires twisted black 1, black 2, green-yellow
Amount stranding Stranding wire arrangement Traversing distance (C-track)	black cURus  1 3 wires twisted black 1, black 2, green-yellow 5 m @ 25 °C   horizontal
Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth	black cURus 1 3 wires twisted black 1, black 2, green-yellow 5 m @ 25 °C   horizontal 55,33 g/m
Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket	black cURus 1 3 wires twisted black 1, black 2, green-yellow 5 m @ 25 °C   horizontal 55,33 g/m PUR
Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	black cURus  1 3 wires twisted black 1, black 2, green-yellow 5 m @ 25 °C   horizontal  55,33 g/m PUR  85 ± 5 Shore A
Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket Shore hardness jacket	black cURus  1 3 wires twisted black 1, black 2, green-yellow 5 m @ 25 °C   horizontal  55,33 g/m  PUR  85 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free

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: 2024-05-12



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
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 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
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