

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

PUR 3x0.75 ye 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.

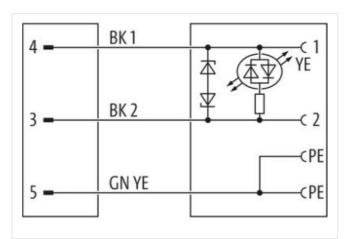
Plastic housings with good resistance against chemicals and oils.

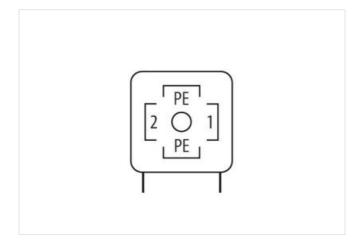
The resistance to aggressive media should be individually tested for your application. Further details on request.

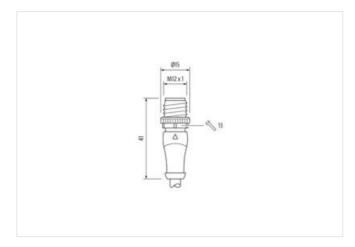
Link to Product

Illustration



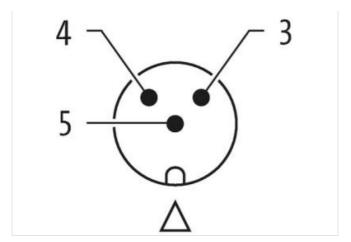


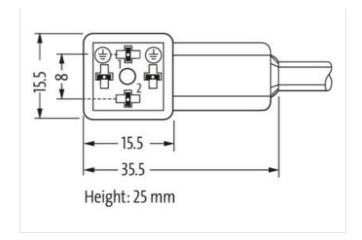






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Product may differ from Image









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	4048879146289
Packaging unit	1
Electrical data	
Drop-out delay time max.	20 ms



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Electrical data Supply	
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
	70
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.
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 (Valve Plug)
	(
Installation Cable	
Installation Cable	
wire arrangement	black 1, black 2, green-yellow
wire arrangement Cable identification	026
wire arrangement Cable identification Cable Type	026 2
wire arrangement Cable identification Cable Type Printing color of wire insulation	026 2 white (isolation black)
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color	026 2 white (isolation black) yellow
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate	026 2 white (isolation black) yellow cURus
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding	026 2 white (isolation black) yellow cURus 1
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding	026 2 white (isolation black) yellow cURus 1 3 wires twisted
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	026 2 white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth	026 2 white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 55 g/m
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket	026 2 white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 55 g/m PUR
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket	026 2 white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 55 g/m PUR 85 ± 5 Shore A
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	026 2 white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 55 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	026 2 white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 55 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5,9 mm
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	026 2 white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 55 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free



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Color (inner jacket)	yellow
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 mm ²
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	9,6 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 ℃
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
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	3.3 m/s @ 25 °C