

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

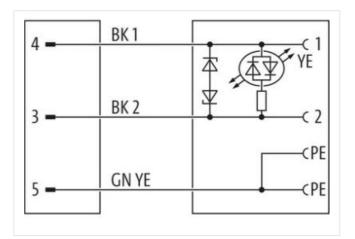
PUR 3x0.75 ye UL/CSA 2m

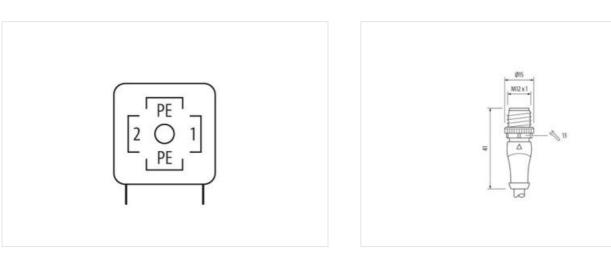
Form C (8 mm) – M12, male straight 24 V AC ±20% / DC ±25% LED and suppression Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



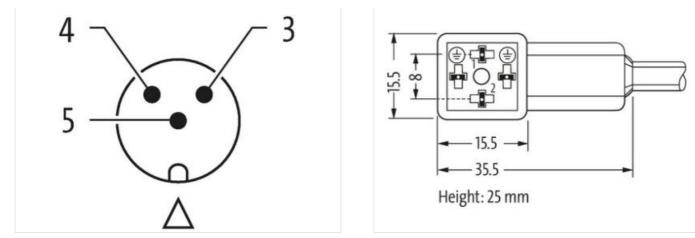






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Product may differ from Image



Cable length	2 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 \emptyset)	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	4048879146258
Packaging unit	1
Electrical data	
Capacity CX	20 ms

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Electrical data | Supply

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
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)	1
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
Conformity	
Product standard	DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug)
Installation Cable	
Cable identification	026
Cable Type	2
Printing color of wire insulation	· · · · · · · · · · · · · · · · · · ·
	white (isolation black)
Jacket Color	yellow
Type of Certificate	
Type of Certificate Amount stranding	yellow
Type of Certificate	yellow cURus
Type of Certificate Amount stranding Stranding wire arrangement	yellow cURus 1 3 wires twisted black 1, black 2, green-yellow
Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track)	yellow cURus 1 3 wires twisted
Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth	yellow cURus 1 3 wires twisted black 1, black 2, green-yellow
Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket	yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 2 Mio. @ 25 °C
Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth	yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 2 Mio. @ 25 °C 55 g/m
Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket	yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 2 Mio. @ 25 °C 55 g/m PUR
Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket	yellowcURus13 wires twistedblack 1, black 2, green-yellow2 Mio. @ 25 °C55 g/mPUR85 ± 5 Shore A
Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 2 Mio. @ 25 °C 55 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 2 Mio. @ 25 °C 55 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5,9 mm
Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 2 Mio. @ 25 °C 55 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5,9 mm ± 5 %
Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket	yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 2 Mio. @ 25 °C 55 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5,9 mm ± 5 % PVC
Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket)	yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 2 Mio. @ 25 °C 55 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5,9 mm ± 5 % PVC yellow
Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation	yellowcURus13 wires twistedblack 1, black 2, green-yellow2 Mio. @ 25 °C55 g/mPUR85 ± 5 Shore Alead-free, cadmium-free, CFC-free, silicone-free5,9 mm± 5 %PVCyellowPVC

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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
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
Nominal voltage power AC max.	300 V
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

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