

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

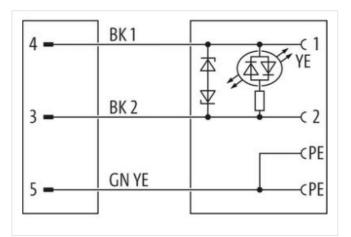
PUR 3x0.75 gy UL/CSA 0.3m

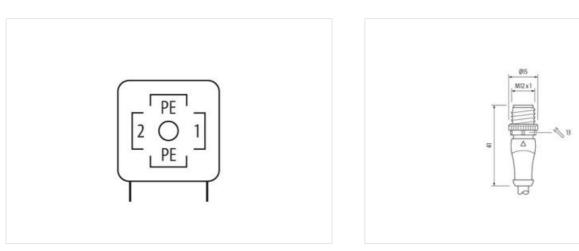
Form C (8 mm) – M12, male straight 24 V AC ±20% / DC ±25% LED and suppression Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



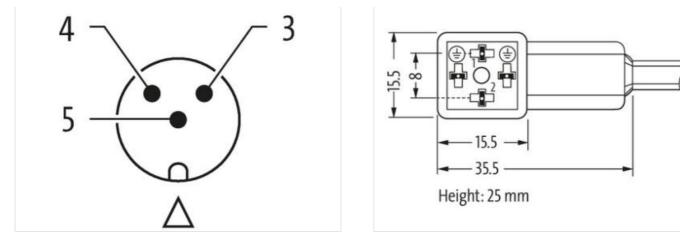






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Product may differ from Image



Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal 0) 10 mm Coding A No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2	Cable length	0,3 m
Munting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal 0) 10 mm Coding A No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2	Side 1	
Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal 0) 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 M2.5 Commercial data M2.5 ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-6.1 27279218 ECLASS-6.0 27279218 ECLASS-6.0 27279218 ECLASS-6.0 27260312 ECLASS-10.1 27060312 ECLASS-10.1 27060312 ECLASS-10.1 27060312 ECLASS-10.1 27060312 ECLASS-10.1 27060312 ECLASS-10.1 27060312	Tightening torque	0,6 Nm
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-0.0 27279218 ECLASS-9.0 27060312 ECLASS-1.1 27060312 ECLASS-1.1 27060312 ECLASS-1.1 27060312 ECLASS-1.2.0 27060312 ECLASS-1.1 27060312 ECLASS-1.2.0 27060312 ECLASS-1.2.0 27060312 ECLASS-1.2.0 27060312 ECLASS-1.2.0 27060312 ECLASS-1.2.0 27060312 <t< td=""><td>Mounting method</td><td>inserted, screwed</td></t<>	Mounting method	inserted, screwed
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Coding A No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2	Thread	M12 x 1
No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2	suitable for corrugated tube (internal \emptyset)	10 mm
Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 IP67 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 E ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-6.0 27279218 ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-6.1 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27260312 ECLASS-1.1 27060312 ECLASS-1.2 27060312 ECLASS-1.1 27060312 ECLASS-1.2 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879146074 Packaging unit 1	Coding	A
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Side 2Tightening torque0,4 NmFamily construction formMSUD CThreadM2.5No. of poles4Degree of protection (EN IEC 60529)IP67Commercial dataECLASS-6.027279218ECLASS-6.127279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-9.027060312ECLASS-10.127060312ECLASS-10.127060312ECLASS-11.127060312ECLASS-12.027060312ECLASS-12.027060312ETIM-5.0EC001855customs tariff number85444290GTIN4048879146074Packaging unit1	Width across flats	SW13
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No. of poles 4 Degree of protection (EN IEC 60529) IP67 Commercial data E ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879146074 Packaging unit 1 Electrical data 1	Family construction form	MSUD C
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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 4048879146074 Packaging unit 1	Degree of protection (EN IEC 60529)	IP67
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 4048879146074 Packaging unit 1	Commercial data	
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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 4048879146074 Packaging unit 1	ECLASS-6.1	27279218
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ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879146074 Packaging unit 1	ECLASS-9.0	27060312
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ETIM-5.0 EC001855 customs tariff number 8544290 GTIN 4048879146074 Packaging unit 1 Electrical data V	ECLASS-11.1	27060312
customs tariff number85444290GTIN4048879146074Packaging unit1Electrical data	ECLASS-12.0	27060312
GTIN 4048879146074 Packaging unit 1 Electrical data	ETIM-5.0	EC001855
Packaging unit 1 Electrical data	customs tariff number	85444290
Electrical data	GTIN	4048879146074
	Packaging unit	1
Capacity CX 20 ms	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)	
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	
·	000
Cable identification	226
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	black 1, black 2, green-yellow
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, halogen-free, silicone-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	
	± 5 %
Material inner jacket	PVC
Material inner jacket Material wire insulation	

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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
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	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
	-30 °C 80 °C
Min. operating temperature (static)	
Min. operating temperature (static) Max. operating temperature (fixed)	0° C
Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	80 °C -5 °C
Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic)	80 °C -5 °C 80 °C
Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) UV resistance	80 °C -5 °C 80 °C DIN EN ISO 4892-2 A
Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) UV resistance Flame resistance	80 °C -5 °C 80 °C DIN EN ISO 4892-2 A IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) UV resistance Flame resistance chemical resistance	80 °C -5 °C 80 °C DIN EN ISO 4892-2 A IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing
Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) UV resistance Flame resistance chemical resistance Gasoline resistance	80 °C -5 °C 80 °C DIN EN ISO 4892-2 A IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing
Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) UV resistance Flame resistance chemical resistance Gasoline resistance Oil resistance	80 °C -5 °C 80 °C DIN EN ISO 4892-2 A IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing

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