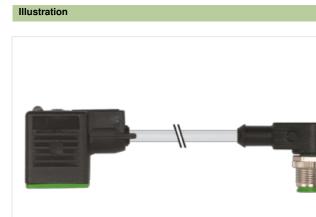


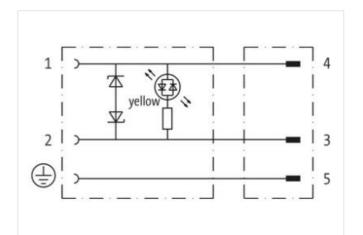
## M12 male 90° A-cod. / MSUD valve plug B-10mm

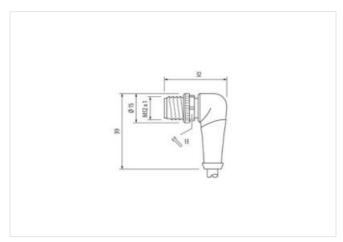
PUR 3x0.75 gy UL/CSA 0.6m

Form B (10 mm) - M12, male 90° 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







Product may differ from Image



0,6 m Cable length Side 1 Tightening torque 0,4 Nm

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Thread	M3
Degree of protection (EN IEC 60529)	IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Thread	M12 x 1
Degree of protection (EN IEC 60529)	IP66K, IP67
Commercial data	
	07070010
ECLASS-6.0 ECLASS-6.1	27279218 27279218
ECLASS-6.1 ECLASS-7.0	27279218
ECLASS-7.0 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	4048879147330
Packaging unit	1
Electrical data	
Drop-out delay time max.	20 ms
Electrical data   Supply	20 113
	0/1/
Operating voltage AC	24 V
Operating voltage AC min.	19,2 V
Operating voltage AC max.	28,8 V
Operating voltage DC Operating voltage DC min.	24 V 18 V
Operating voltage DC max.	30 V
Cut-off peak voltage max.	55 V
Current operating per contact max.	4 A
Current consumption max.	12 mA
Diagnostics	
Status indication LED	yellow
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Rated surge voltage	0,8 kV
Mechanical data   Material data	
Color housing	black
Material housing	Plastic
Mechanical data   Mounting data	
Mounting method	inserted, screwed
Environmental characteristics   Climatic	
Operating temperature min.	-25 ℃
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.
Installation   Cable	

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wire arrangement	black 1, black 2, green-yellow
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 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
Amount strands (wire)	42
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,75 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Conductor type (wire) Nominal voltage AC max.	strand class 6 300 V
Nominal voltage AC max.	300 V
Nominal voltage AC max. Current load capacity (standard)	300 V to DIN VDE 0298-4
Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire	300 V to DIN VDE 0298-4 12 A
Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire	300 V         to DIN VDE 0298-4         12 A         26 Ω/km @ 20 °C
Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire -	300 V         to DIN VDE 0298-4         12 A         26 Ω/km @ 20 °C         2 kV @ 60 s
Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket)	300 V         to DIN VDE 0298-4         12 A         26 Ω/km @ 20 °C         2 kV @ 60 s         2 kV @ 60 s
Nominal voltage AC max.         Current load capacity (standard)         Current load capacity min. wire         Electrical resistance line constant wire         AC withstand voltage (wire - wire)         Power frequency withstand voltage (wire - jacket)         Min. operating temperature (static)	300 V         to DIN VDE 0298-4         12 A         26 Ω/km @ 20 °C         2 kV @ 60 s         2 kV @ 60 s         -30 °C
Nominal voltage AC max.         Current load capacity (standard)         Current load capacity min. wire         Electrical resistance line constant wire         AC withstand voltage (wire - wire)         Power frequency withstand voltage (wire - jacket)         Min. operating temperature (static)         Max. operating temperature (fixed)	300 V         to DIN VDE 0298-4         12 A         26 Ω/km @ 20 °C         2 kV @ 60 s         2 kV @ 60 s         -30 °C         80 °C
Nominal voltage AC max.         Current load capacity (standard)         Current load capacity min. wire         Electrical resistance line constant wire         AC withstand voltage (wire - wire)         Power frequency withstand voltage (wire - jacket)         Min. operating temperature (static)         Max. operating temperature (fixed)         Operating temperature min. (dynamic)	300 V         to DIN VDE 0298-4         12 A         26 Ω/km @ 20 °C         2 kV @ 60 s         2 kV @ 60 s         -30 °C         80 °C         -5 °C
Nominal voltage AC max.         Current load capacity (standard)         Current load capacity min. wire         Electrical resistance line constant wire         AC withstand voltage (wire - wire)         Power frequency withstand voltage (wire - jacket)         Min. operating temperature (static)         Max. operating temperature (fixed)         Operating temperature min. (dynamic)         Operating temperature max. (dynamic)	300 V         to DIN VDE 0298-4         12 A         26 Ω/km @ 20 °C         2 kV @ 60 s         2 kV @ 60 s         -30 °C         80 °C         -5 °C         80 °C
Nominal voltage AC max.         Current load capacity (standard)         Current load capacity min. wire         Electrical resistance line constant wire         AC withstand voltage (wire - wire)         Power frequency withstand voltage (wire - jacket)         Min. operating temperature (static)         Max. operating temperature (fixed)         Operating temperature min. (dynamic)         Operating temperature max. (dynamic)         UV resistance	300 V         to DIN VDE 0298-4         12 A         26 Ω/km @ 20 °C         2 kV @ 60 s         2 kV @ 60 s         -30 °C         80 °C         -5 °C         80 °C         -5 °C         80 °C         DIN EN ISO 4892-2 A
Nominal voltage AC max.         Current load capacity (standard)         Current load capacity min. wire         Electrical resistance line constant wire         AC withstand voltage (wire - wire)         Power frequency withstand voltage (wire - jacket)         Min. operating temperature (static)         Max. operating temperature (fixed)         Operating temperature max. (dynamic)         UV resistance         Flame resistance	300 V         to DIN VDE 0298-4         12 A         26 Ω/km @ 20 °C         2 kV @ 60 s         2 kV @ 60 s         -30 °C         80 °C         -5 °C         80 °C         DIN EN ISO 4892-2 A         IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
Nominal voltage AC max.         Current load capacity (standard)         Current load capacity min. wire         Electrical resistance line constant wire         AC withstand voltage (wire - wire)         Power frequency withstand voltage (wire - jacket)         Min. operating temperature (static)         Max. operating temperature (fixed)         Operating temperature max. (dynamic)         UV resistance         Flame resistance         chemical resistance	300 V         to DIN VDE 0298-4         12 A         26 Ω/km @ 20 °C         2 kV @ 60 s         2 kV @ 60 s         -30 °C         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
Nominal voltage AC max.         Current load capacity (standard)         Current load capacity min. wire         Electrical resistance line constant wire         AC withstand voltage (wire - wire)         Power frequency withstand voltage (wire - jacket)         Min. operating temperature (static)         Max. operating temperature (fixed)         Operating temperature min. (dynamic)         Operating temperature max. (dynamic)         UV resistance         Flame resistance         chemical resistance         Gasoline resistance	300 V         to DIN VDE 0298-4         12 A         26 Ω/km @ 20 °C         2 kV @ 60 s         2 kV @ 60 s         -30 °C         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
Nominal voltage AC max.         Current load capacity (standard)         Current load capacity min. wire         Electrical resistance line constant wire         AC withstand voltage (wire - wire)         Power frequency withstand voltage (wire - jacket)         Min. operating temperature (static)         Max. operating temperature (fixed)         Operating temperature min. (dynamic)         Operating temperature max. (dynamic)         UV resistance         Flame resistance         chemical resistance         Oil resistance	300 V         to DIN VDE 0298-4         12 A         26 Ω/km @ 20 °C         2 kV @ 60 s         2 kV @ 60 s         -30 °C         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         DIN EN 60811-404   Good, application-related testing
Nominal voltage AC max.         Current load capacity (standard)         Current load capacity min. wire         Electrical resistance line constant wire         AC withstand voltage (wire - wire)         Power frequency withstand voltage (wire - jacket)         Min. operating temperature (static)         Max. operating temperature (fixed)         Operating temperature min. (dynamic)         Operating temperature max. (dynamic)         UV resistance         Flame resistance         chemical resistance         Oil resistance         Bending radius (fixed)	300 V         to DIN VDE 0298-4         12 A         26 Ω/km @ 20 °C         2 kV @ 60 s         2 kV @ 60 s         -30 °C         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         IN EN 60811-404   Good, application-related testing         10 x Outer diameter

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