

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

PUR 3x0.75 bk UL/CSA+robot+drag ch. 0.6m

Form B (10 mm) - M12, male 90° 24 V AC ±20% / DC ±25% LED and suppression

Further cable lengths on request.

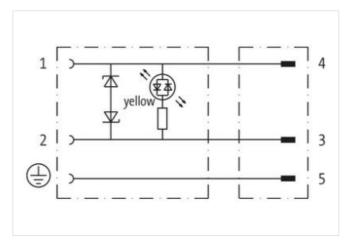
Plastic housings with good resistance against chemicals and oils.

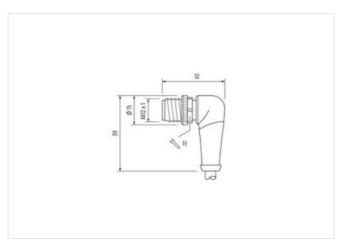
The resistance to aggressive media should be individually tested for your application. Further details on request.

## **Link to Product**

## Illustration







Product may differ from Image



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



stay connected

Degree of protection (EN IEC 66529)         IP66K, IP67           Side 2         Tightening torque         0.8 Nm           Thread         M12.1         Degree of protection (EN IEC 66529)         IP66K, IP67           Commercial dist         27279218         Commercial dist           ECL ASS 6.0         27279218         Commercial dist           ECLASS 7.0         27279218         Commercial dist           ECLASS 7.0         27279218         Commercial dist           ECLASS 9.0         27279218         Commercial dista           ECLASS 9.0         27279218         Commercial dist	Thread	M3
Tightening torque         0,6 Nm           Tithread         MI2 x 1           Despuer of protection (EN IEC 6058)         IPB6K, IP67           Commercial data         PRESK, IP67           ECLASS-6.0         2779218           ECLASS-7.0         2779218           ECLASS-7.0         2779218           ECLASS-8.0         2790812           ECLASS-8.0         2790812           ECLASS-8.0.1         2706812           ECLASS-8.1.1         2706812           ECLASS-1.0.1         2707812           ECLASS-1.0.1         281792           Ex	Degree of protection (EN IEC 60529)	IP66K, IP67
Thread	Side 2	
Thread	Tightening torque	0.6 Nm
Degree of protection (EN IEC 60529)	· · ·	· · · · · · · · · · · · · · · · · · ·
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ECLASS-10.1         27060312           ECLASS-11.0         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879810216           Packaging unit         1           Electrical data         ************************************		
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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 min25 °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 endangered by excessive bending forces.	Current operating per contact max.	4 A
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 min25 °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 endangered by excessive bending forces.	Current consumption max.	12 mA
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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.		
endangered by excessive bending forces.	Note on strain relief	
Installation   Cable	Note on bending radius	
	Installation   Cable	

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: 2024-05-17



## stay connected

Cable identification	656
Cable Type	5
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	black 1, black 2, green-yellow
Cable weigth	48,4 g/m
Material jacket	PUR
Shore hardness jacket	58 ± 3 Shore D
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5,2 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,7 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	74 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
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
Traversing distance (C-track)	5 m @ 25 °C   horizontal
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)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min