

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

PUR 3x0.75 bk UL/CSA+drag ch. 4m

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

Further cable lengths on request.

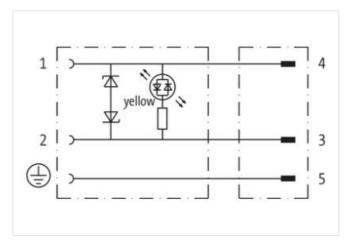
Plastic housings with good resistance against chemicals and oils.

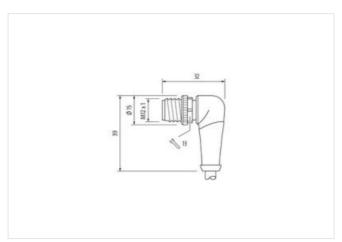
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration







Product may differ from Image



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



stay connected

Side 2 Tightening torque Thread Degree of protection (EN IEC 60529) Commercial data ECLASS-6.0 ECLASS-6.1 ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-11.1	UP66K, IP67 0,6 Nm M12 x 1 IP66K, IP67 27279218 27279218 27279218 27279218 27260312 27060312 27060312 27060312 EC001855 85444290 4048879383110 1
Tightening torque Thread Degree of protection (EN IEC 60529) Commercial data ECLASS-6.0 ECLASS-6.1 ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number GTIN	M12 x 1 IP66K, IP67 27279218 27279218 27279218 27279218 27060312 27060312 27060312 27060312 EC001855 85444290 4048879383110 1
Thread Degree of protection (EN IEC 60529) Commercial data ECLASS-6.0 ECLASS-6.1 ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number	M12 x 1 IP66K, IP67 27279218 27279218 27279218 27279218 27060312 27060312 27060312 27060312 EC001855 85444290 4048879383110 1
Thread Degree of protection (EN IEC 60529) Commercial data ECLASS-6.0 ECLASS-6.1 ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number	M12 x 1 IP66K, IP67 27279218 27279218 27279218 27279218 27060312 27060312 27060312 27060312 EC001855 85444290 4048879383110 1
Degree of protection (EN IEC 60529) Commercial data ECLASS-6.0 ECLASS-6.1 ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number	IP66K, IP67 27279218 27279218 27279218 27060312 27060312 27060312 27060312 EC001855 85444290 4048879383110 1
Commercial data ECLASS-6.0 ECLASS-6.1 ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number	27279218 27279218 27279218 27279218 27060312 27060312 27060312 27060312 EC001855 85444290 4048879383110
ECLASS-6.0 ECLASS-6.1 ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number	27279218 27279218 27060312 27060312 27060312 27060312 EC001855 85444290 4048879383110
ECLASS-6.1 ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number	27279218 27279218 27060312 27060312 27060312 27060312 EC001855 85444290 4048879383110
ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number	27279218 27060312 27060312 27060312 27060312 EC001855 85444290 4048879383110 1
ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number	27279218 27060312 27060312 27060312 27060312 EC001855 85444290 4048879383110 1
ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number GTIN	27060312 27060312 27060312 27060312 EC001855 85444290 4048879383110 1
ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number GTIN	27060312 27060312 27060312 EC001855 85444290 4048879383110
ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number GTIN	27060312 27060312 EC001855 85444290 4048879383110
ECLASS-12.0 ETIM-5.0 customs tariff number GTIN	27060312 EC001855 85444290 4048879383110
customs tariff number GTIN	85444290 4048879383110 1
GTIN	4048879383110 1
	1
Packaging unit	
	20 ms
Electrical data	20 ms
Drop-out delay time max.	
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
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 °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.
Installation Cable	



stay connected

wire arrangement	black 1, black 2, green-yellow
Cable identification	636
Cable Type	3
Printing color of wire insulation	white (isolation black)
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	black 1, black 2, green-yellow
Cable weigth	56,1 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 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 wire insulation	PP
Amount wires	3
Outer diameter insulation	1,85 mm
Outer diameter insulation Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-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 mm²
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)	2,5 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	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
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
	10 Mio. @ 25 °C
No. of bending cycles (C-track)	
No. of bending cycles (C-track) Traversing distance (C-track)	10 m @ 25 °C horizontal
	10 m @ 25 °C horizontal 3 m/s @ 25 °C
Traversing distance (C-track)	
Traversing distance (C-track) Travel speed (C-track)	3 m/s @ 25 °C