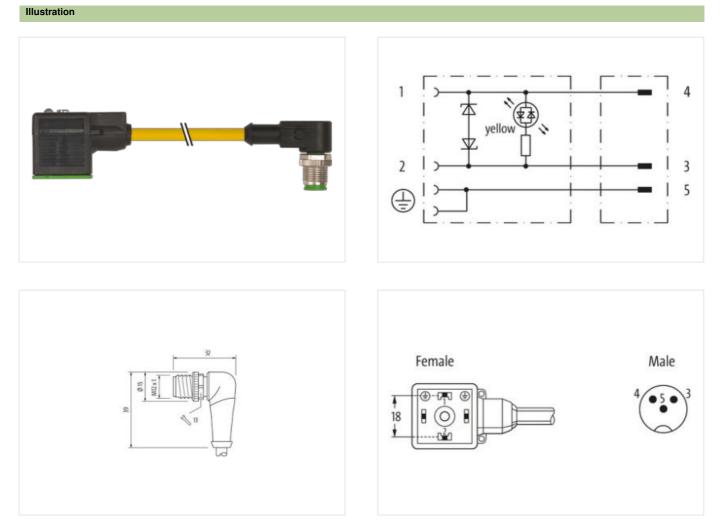


M12 male 90° A-cod. / MSUD valve plug A-18mm

PUR 3x0.75 ye UL/CSA 1.5m

Form A (18 mm) – M12, male 90° 24 V AC ±20% / DC ±25% LED and suppression Bridged PE Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request 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



Side 1 Tightening torque 0.6 Nm Family construction form MSUD Thread M12 x 1 Material PUR Degree of protection (EN IEC 60529) IP67 Side 2		
Tightening torque 0.6 Nm Family construction form MSUD Thread M12 x 1 Material PUR Degree of protection (EN IEC 60529) IP67 Sile 2 Tightening torque 0.4 Nm Family construction form M12 Material Tightening torque 0.4 Nm Material Family construction form M12 Material Thread M3 Material Width across flats SW13 Material Degree of protection (EN IEC 60529) IP67 Material Commercial data SW13 Material ECLASS-6.0 27279218 Material ECLASS-6.0 27279218 Material ECLASS-10.1 27060312 Material ECLASS-11.1 27060312 Material ECLASS-12.0 27060312 Material ECLASS-11.1 27060312 Material ECLASS-12.0 ECO01855 Material Material Material Material Material	Cable length	1,5 m
Family construction form MSUD Thread M12 x 1 Material PUR Degree of protection (EN IEC 60529) IP67 Side 2	Side 1	
Thread M12 x 1 Material PUR Degree of protection (EN IEC 60529) IP67 Side 2	Tightening torque	0,6 Nm
Material PUR Degree of protection (EN IEC 60529) IP67 Side 2	Family construction form	MSUD
Degree of protection (EN IEC 60529) IP67 Side 2	Thread	M12 x 1
Side 2 Tightening torque 0.4 Nm Family construction form M12 Thread M3 suitable for corrugated tube (internal Ø) 10 mm Material PBT Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Commercial data ECLASS-6.0 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-1.1 27060312 ECLASS-1.1 27060312 ECLASS-1.1 27060312 ECLASS-1.1 27060312 ECIASS-1.2.0 27060312 ETIM-5.0 ECO01855 customs tarliff number 85444290 GTIN 4048879151436 Packaging unit 1 Electrical data Supply Drop-out delay time max. 20 ms Electrical data Supply Supply	Material	PUR
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Family construction form M12 Thread M3 suitable for corrugated tube (internal Ø) 10 mm Material PBT Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Commercial data ECLASS-6.0 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-10.1 27060311 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879151436 Packaging unit 1 Electrical data Electrical data Drop-out delay time max. 20 ms Electrical data Supply 20 ms	Side 2	
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ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879151436 Packaging unit 1 Electrical data 20 ms Electrical data Supply 20 ms	ECLASS-9.0	27060311
ECLASS-12.027060312ETIM-5.0EC001855customs tariff number8544290GTIN4048879151436Packaging unit1Electrical dataDrop-out delay time max.20 msElectrical data Supply	ECLASS-10.1	27060312
ETIM-5.0EC001855customs tariff number85444290GTIN4048879151436Packaging unit1Electrical data20 msElectrical data Supply20 ms	ECLASS-11.1	27060312
customs tariff number 85444290 GTIN 4048879151436 Packaging unit 1 Electrical data 20 ms Electrical data Supply 1	ECLASS-12.0	27060312
GTIN 4048879151436 Packaging unit 1 Electrical data 20 ms Electrical data Supply 50 ms	ETIM-5.0	EC001855
Packaging unit 1 Electrical data 20 ms Electrical data Supply 20 ms	customs tariff number	85444290
Electrical data Drop-out delay time max. 20 ms Electrical data Supply	GTIN	4048879151436
Drop-out delay time max. 20 ms Electrical data Supply	Packaging unit	1
Electrical data Supply	Electrical data	
	Drop-out delay time max.	20 ms
Derating voltage AC 24 V	Electrical data Supply	
	Operating voltage AC	24 V

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	19,2 V
Operating voltage AC min.	
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.	15 mA
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	Diode, Z-Diode
Mechanical data Material data	
Coating locking	Nickeled
Color housing	black
Material gasket	PUR
Material housing	Plastic
Locking material	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed
Environmental characteristics Climatic	
	-25 °C
Operating temperature min. Operating temperature max.	-25 °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	
wire arrangement	black 1, black 2, green-yellow
Cable identification	026
Cable Type	2
Printing color of wire insulation	white (isolation black)
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	black 1, black 2, green-yellow
Cable weigth	55 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	PVC
Color (inner jacket)	yellow
Material wire insulation	PVC

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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
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	9,6 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° 08
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
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C

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