

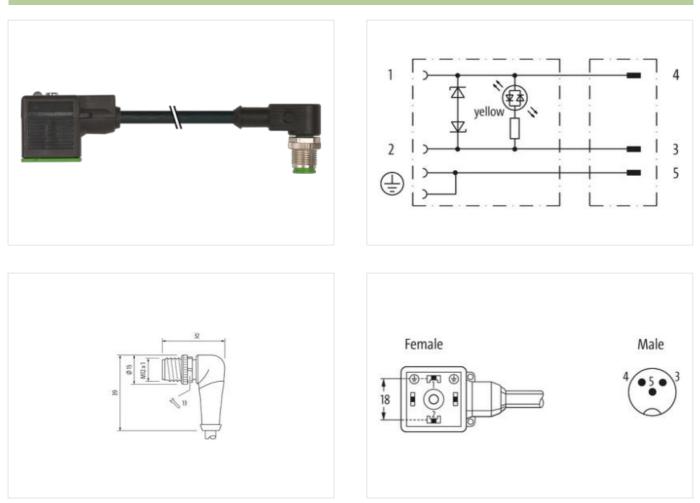
M12 male 90° A-cod. / MSUD valve plug A-18mm

PVC 3x0.75 bk 3m

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

Illustration



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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 Side 2 Tightening torque 0.4 Nm Family construction form M12 M1 Family construction form M12 M1 Thread M3 M3 suitable for corrugated tube (internal 0) 10 mm Material PBT Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27060311 ECLASS-10.1 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-10.1 ECLASS-10.1 ECLASS-12.0 27060312 ECLASS-10.1 ECLASS-10.1 ECLASS-11.1 27060312 ECLASS-10.1 ECLASS-10.1 ECLASS-12.0 ECO01855 Ecuastatrift number E5444290 <td>Cable length</td> <td>3 m</td>	Cable length	3 m
Family construction form MSUD Thread M12 x 1 Material PUR Degree of protection (EN IEC 60529) IP67 Side 2 Tighening torque 0.4 Nm Family construction form M12 Tighening torque 0.4 Nm Family construction form M12 Tighening torque 0.4 Nm Family construction form M12 M12 M12 Thread M3 M3 M3 M3 M3 M3 M3 M3 M4terial PBT	Side 1	
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Degree of protection (EN IEC 60529) IP67 Side 2	Thread	M12 x 1
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ETIM-5.0EC001855customs tariff number85444290GTIN4048879320986Packaging unit1Electrical data20 msElectrical data Supply20 ms	ECLASS-11.1	27060312
customs tariff number 85444290 GTIN 4048879320986 Packaging unit 1 Electrical data 20 ms Electrical data Supply 1	ECLASS-12.0	27060312
GTIN 4048879320986 Packaging unit 1 Electrical data 20 ms Electrical data Supply V	ETIM-5.0	EC001855
Packaging unit 1 Electrical data 20 ms Electrical data Supply 5	customs tariff number	85444290
Electrical data Capacity CX 20 ms Electrical data Supply	GTIN	4048879320986
Capacity CX 20 ms Electrical data Supply	Packaging unit	1
Electrical data Supply	Electrical data	
	Capacity CX	20 ms
Operating 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	
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	
Cable identification	616
Cable Type Printing color of wire insulation	1 white (isolation black)
Jacket Color	
	black
Amount stranding	
Stranding	3 wires twisted
wire arrangement Cable weigth	black 1, black 2, green-yellow
0	61,6 g/m PVC
Material jacket	
Shore hardness jacket	80 ± 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 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

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Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Printing color of wire insulation	white (isolation black)
Amount strands (wire)	24
Diameter of single wires	0,2 mm
Conductor crosssection (wire)	0,75 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Max. rated voltage (conductor - conductor)	500 V
Max. rated voltage (conductor - ground)	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)	3 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	3 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	70 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 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

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