

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

PUR 3x0.75 bk UL/CSA 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.

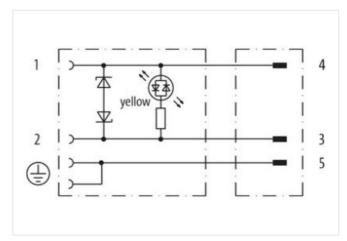
Plastic housings with good resistance against chemicals and oils.

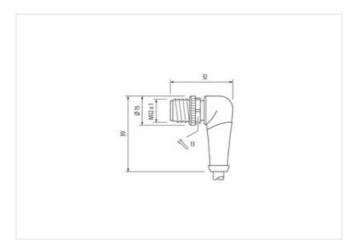
The resistance to aggressive media should be individually tested for your application. Further details on request.

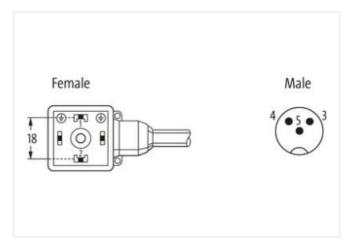
Link to Product

Illustration



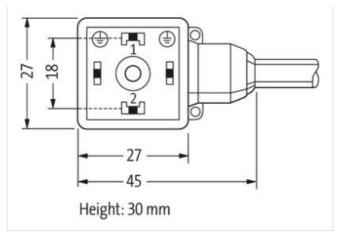








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Product may differ from Image









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 Thread M3 suitable for corrugated tube (internal Ø) 10 mm Material PBT Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Commercial date ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 E001855 customs tariff number 4048879460422	Cable length	3 m
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 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 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060312 ECLASS-1.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ECLASS-10.1 65444290 GTIN 4048879460422 Packaging unit 1 Electrical data Supply	Side 1	
Thread M12 x 1 Material PUR Degree of protection (EN IEC 60529) IP67 Side 2 Image: Company of the company	Tightening torque	0,6 Nm
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Electrical data Drop-out delay time max. 20 ms Electrical data Supply	GTIN	4048879460422
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
Operating voltage AC 24 V	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.	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)	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.
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Note on bonding radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
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Installation Cable wire arrangement	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. black 1, black 2, green-yellow
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Installation Cable wire arrangement Cable identification Cable Type	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. black 1, black 2, green-yellow 626 2
Installation Cable wire arrangement Cable identification Cable Type Printing color of wire insulation	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. black 1, black 2, green-yellow 626 2 white (isolation black)
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Installation Cable wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. black 1, black 2, green-yellow 626 2 white (isolation black) black cURus 1 3 wires twisted black 1, black 2, green-yellow 55,33 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5,9 mm ± 5 %
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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 mm ²
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 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
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