

## Y-Distributor M12 male / MSUD valve plug A-18mm

PUR 3x0.75 bk UL/CSA+drag ch. 0.7m

Y connector

Plastic housings with good resistance against chemicals and oils.

Further cable lengths on request.

Male straight - male 90°

M12, 4-pole

A-coded

**MSUD** 

Form A (18 mm)

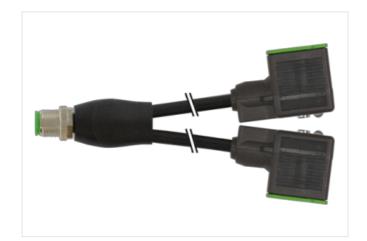
LED (yellow)

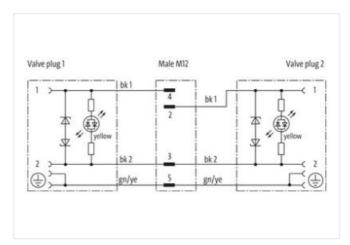
Diode/Z-Diode

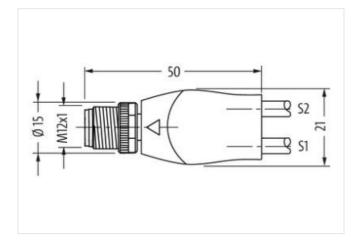
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

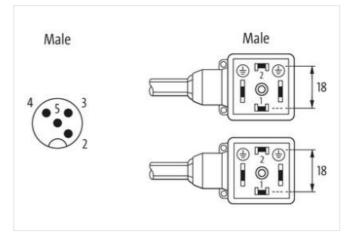
## **Link to Product**

## Illustration



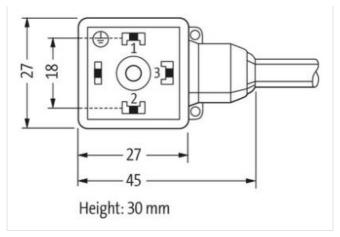








stay connected



Product may differ from Image



Cable length	0,7 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M3
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW13
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	silver-plated
Family construction form	MSUD
Thread	M12 x 1
Material	PBT
No. of poles	4
Side 3	
Mounting method	inserted, screwed
Family construction form	MSUD
No. of poles	4
Commercial data	
ECLASS-6.0	27143423
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060312
ECLASS-10.1	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312

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STIN   4048879616423   1   1   1   1   1   1   1   1   1	ETIM-5.0	EC001855
Peclarign unit	customs tariff number	85444290
Part	GTIN	4048879616423
Coparating voltage AC min.   19,2 V	Packaging unit	1
Coparating voltage AC min.   19,2 V	Electrical data   Supply	
Departing voltage AC min.   19,2 V		24 V
Operating voltage AC max.         28 A V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Uncoff peak voltage pm ax.         55 V           Current operating per contact max.         4 A           Current operating per contact max.         4 A           Current operating per contact max.         4 A           Degree of protection (EN LEC 0629)         yellow           Device protection (EN LEC 0629)         IP67           Additional condition protection degree         inserted, screwed           Follation Degree         3           Follation Degree         3           Follation Degree         3           Follation Degree         3           Material group (IEC 80864-1)         1           Material group (IEC 80864-1)         1           Mochanical data         Very Control           Scaling locking         Nickelod           Material gussel         PUR           Conting proving a protection of the protection of ceasing         Nickelod           Material gussel         PUR           Cooking material         25 °C           Operating temperature mix.         25 °C           Operating temperature mix.         25 °C	· · · · ·	
Circums   Circ		
Separating voltage DC min.   18 V   Separating voltage DC max.   30 V   Separating voltage DC max.   30 V   Separating voltage DC max.   35 V   Separating per contact max.   4 A   Separating per contact max.   4 A   Separating per contact max.   5 mA   Separating per		
Sperating vallage DC max.   SS V		
Cut off peak voltage max.         55 V           Current consumption max.         15 mA           Diagnostics         Vallow           Status indication LED         yellow           Device protection [Electrical         Degree of protection [Electrical           Degree of protection (EM IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         I           Additional suppressor         Diode, Z-Diode           Mechanical data         Without           Contain foliatian         Michael           Coating foliating Market         PUR           Coating foliating Market         PUR           Mechanical data   Mounting data         Zinc die casting           Mounting method         inserted, screwed           Environmental characteristics   Climatic         Operating inserperature min.         -25 °C           Operating temperature min.         -25 °C         Operating temperature max.           Vote on stain relief         Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.           Conformity         Protect the connectors by suitable measures from mechanical loads		
Current operating per contact max.         15 mA           Degree to roseumption max.         15 mA           Degree of protection (EN IEC 60529)         yellow           Degree of protection (EN IEC 60529)         IP67           Settional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0.8 kV           Markefiel group (IEC 60684+1)         1           Additional suppressor         Diode, Z-Diode           Mechanical data         Without           Controur for corrugated hose         without           Machanical data   Material data         Vicalization of the pure state of the pure stat	Cut-off peak voltage max.	55 V
Diagnostics Status indication LED species of protection (EN IEC 66529) Pollution Degree 3 3 Rated surge voltage 0,8 kV Material group (IEC 666641) Indication of the Comment of the Commen	Current operating per contact max.	4 A
Status indication LED yellow  Povice protection   Electrical  Degree of protection (EN IEC 60529)   PF67  Additional condition protection degree   inserted, screwed  Pollution Degree   3  Rated surge voltage   0,8 kV    Additional suppressor   Diode, 2-Diode  Mechanical data  Mechanical data  Contour for corrugated hose   without   Mechanical data   Material data  Contour for corrugated hose   without   Mechanical data   Material data  Contour for corrugated hose   PUR  Additional suppressor   Diode acasing  Mechanical data   Material data  Contour for corrugated hose   PUR  Additional suppressor   PUR  Mechanical data   Material data   Mechanical data   Material data  Contour for corrugated hose   PUR  Additional condition of the material data   Mechanical data   Material data   Mechanical data   Mounting data	Current consumption max.	15 mA
Status indication LED yellow  Povice protection   Electrical  Degree of protection (EN IEC 60529)   PF67  Additional condition protection degree   inserted, screwed  Pollution Degree   3  Rated surge voltage   0,8 kV    Additional suppressor   Diode, 2-Diode  Mechanical data  Mechanical data  Contour for corrugated hose   without   Mechanical data   Material data  Contour for corrugated hose   without   Mechanical data   Material data  Contour for corrugated hose   PUR  Additional suppressor   Diode acasing  Mechanical data   Material data  Contour for corrugated hose   PUR  Additional suppressor   PUR  Mechanical data   Material data   Mechanical data   Material data  Contour for corrugated hose   PUR  Additional condition of the material data   Mechanical data   Material data   Mechanical data   Mounting data	Diagnostics	
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Degree of protection (EN IEC 60529) IP67 Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Additional suppressor Diode, Z-Diode Mechanical data Contour for corrugated hose without Mechanical data   Material data Coating locking Nickeled Material gasket PUR Coating locking Nickeled Multing method inserted, screwed  Environmental characteristics   Climatic Operating temperature min. 25 °C Operating temperature min. 25 °C Operating temperature mane depending on cable quality  Important installation notes  Wote on bending radius Attender  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ordangered by oxcessive bending forces.  Conformity  Product standard DiN E 61076-2-101 (M12)  Installation [Cable Cable I/Ope Cab	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  Contour for corrugated hose without  Mechanical data   Material data  Coating looking Nickeled  Material gasket PUR  Locking material Zeasket PUR  Mechanical data   Mounting data  Mechanical data   Mounting data  Mechanical data   Mounting data  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 Protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard Din K 61076-2-101 (M12)  Installation   Cable  Cable identification	Degree of protection (EN IEC 60529)	IP67
Pollution Degree         3           Rated surge voltage         0,8 kV           Maderial group (IEC 60664-1)         I           Additional suppressor         Diode, Z-Diode           Mechanical data         Wethority of corrugated hose           Mechanical data   Material data         Wethority of corrugated hose           Mechanical data   Material data         Wethority of Coating locking           Material gasket         PUR           Locking material         Zinc die-casting           Mechanical data   Mounting data         Wethority of Coating locking           Mechanical data   Mounting data         Wethority of Coating locking method           Mechanical data   Mounting data         Wethority of Coating locking locking method           Mechanical data   Mounting data         Vetraing lemperature many locking lock	Additional condition protection degree	
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Additional suppressor Diode, Z-Diode  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Material gasket PUR  Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Deprating temperature min25 °C  Deprating 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.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable Type 3  Printing color of wire insulation white (isolation black)  Jacket Color black  Type of Certificate cURus  Aview aurangement black 1, black 2, green-yellow  Wire arrangement black 1, black 2, green-yellow  Wire arrangement black 1, black 2, green-yellow	Rated surge voltage	0,8 kV
Mechanical data   Material dat	Material group (IEC 60664-1)	I
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Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement black 1, black 2, green-yellow	Cable Type	3
Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement black 1, black 2, green-yellow	Printing color of wire insulation	white (isolation black)
Amount stranding 1 Stranding 3 wires twisted wire arrangement black 1, black 2, green-yellow	Jacket Color	black
Stranding 3 wires twisted wire arrangement black 1, black 2, green-yellow	Type of Certificate	cURus
wire arrangement black 1, black 2, green-yellow	Amount stranding	1
	Stranding	3 wires twisted
Cable weigth 56,1 g/m	wire arrangement	black 1, black 2, green-yellow
	Cable weigth	56,1 g/m

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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 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 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 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	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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min