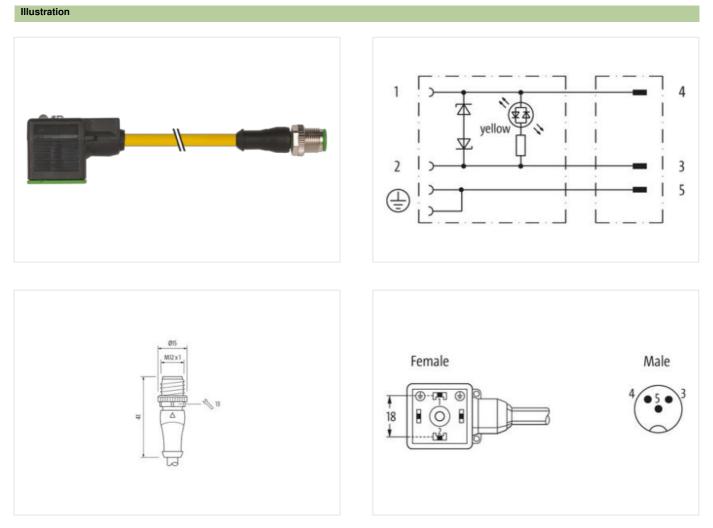


## M12 male 0° A-cod. / MSUD valve plug A-18mm

PUR 3x0.75 ye UL/CSA 3m

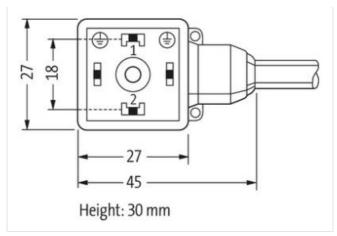
Form A (18 mm) – M12, male straight 24 V AC ±20% / DC ±25% LED and suppression Bridged PE A-coded Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product



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Product may differ from Image



Cable length	3 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	M12
Thread	M3
suitable for corrugated tube (internal $\emptyset$ )	10 mm
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,6 Nm
Thread	M12 x 1
Material	PBT
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-10.1	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879152907
Packaging unit	1
Electrical data	
Capacity CX	20 ms
Electrical data   Supply	
Operating voltage AC	24 V
Operating voltage AC min.	19,2 V
Operating voltage AC max.	28,8 V

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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)	
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.           Attention:         Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius	endangered by excessive bending forces.
Note on bending radius Installation   Cable	endangered by excessive bending forces.
J. J	endangered by excessive bending forces.
Installation   Cable	endangered by excessive bending forces.
Installation   Cable Cable identification Cable Type	endangered by excessive bending forces. 026 2
Installation   Cable Cable identification	endangered by excessive bending forces. 026
Installation   Cable Cable identification Cable Type Printing color of wire insulation	endangered by excessive bending forces. 026 2 white (isolation black)
Installation   Cable Cable identification Cable Type Printing color of wire insulation Jacket Color	endangered by excessive bending forces. 026 2 white (isolation black) yellow
Installation   Cable Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate	endangered by excessive bending forces. 026 2 white (isolation black) yellow cURus
Installation   Cable Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding	endangered by excessive bending forces. 026 2 white (isolation black) yellow cURus 1
Installation   Cable Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding	endangered by excessive bending forces. 026 2 white (isolation black) yellow cURus 1 3 wires twisted
Installation   Cable         Cable identification         Cable Type         Printing color of wire insulation         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement	endangered by excessive bending forces. 026 2 white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow
Installation   Cable Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth	endangered by excessive bending forces. 026 2 white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 55 g/m
Installation   Cable Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket	endangered by excessive bending forces. 026 2 white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 55 g/m PUR
Installation   Cable         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	endangered by excessive bending forces. 026 2 white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 55 g/m PUR 85 ± 5 Shore A
Installation   Cable         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)	endangered by excessive bending forces. 026 2 white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 55 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
Installation   Cable         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)	endangered by excessive bending forces. 026 2 white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 55 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5,9 mm
Installation   Cable         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)	endangered by excessive bending forces.         026         2         white (isolation black)         yellow         cURus         1         3 wires twisted         black 1, black 2, green-yellow         55 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         5,9 mm         ± 5 %
Installation   Cable         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)         Material inner jacket	endangered by excessive bending forces.         026         2         white (isolation black)         yellow         cURus         1         3 wires twisted         black 1, black 2, green-yellow         55 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         5,9 mm         ± 5 %         PVC
Installation   Cable         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)         Material inner jacket         Color (inner jacket)	endangered by excessive bending forces.         026         2         white (isolation black)         yellow         cURus         1         3 wires twisted         black 1, black 2, green-yellow         55 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         5,9 mm         ± 5 %         PVC         yellow
Installation   CableCable identificationCable TypePrinting color of wire insulationJacket ColorType of CertificateAmount strandingStrandingwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material inner jacketColor (inner jacket)Material wire insulation	endangered by excessive bending forces.         026         2         white (isolation black)         yellow         cURus         1         3 wires twisted         black 1, black 2, green-yellow         55 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         5,9 mm         ± 5 %         PVC         yellow         PVC
Installation   Cable         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)         Material inner jacket         Color (inner jacket)         Material wire insulation         Amount wires	endangered by excessive bending forces. 026 2 white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 55 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5,9 mm ± 5 % PVC yellow PVC 3
Installation   Cable         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)         Material inner jacket         Color (inner jacket)         Material wire insulation         Amount wires         Outer diameter insulation	endangered by excessive bending forces.         026         2         white (isolation black)         yellow         cURus         1         3 wires twisted         black 1, black 2, green-yellow         55 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         5,9 mm         ± 5 %         PVC         yellow         PVC         3         1,8 mm

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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)	5 m @ 25 °C   horizontal
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)	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
Travel speed (C-track)	2 Mio. @ 25 °C

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