

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

PUR 3x0.75 ye UL/CSA 1.5m

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.

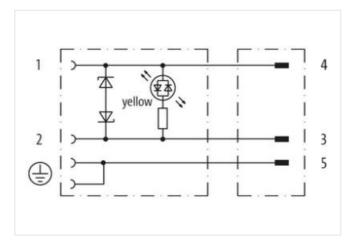
Plastic housings with good resistance against chemicals and oils.

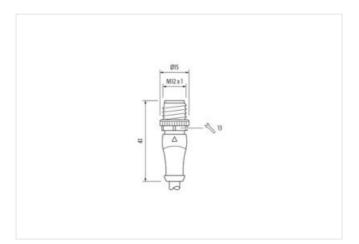
The resistance to aggressive media should be individually tested for your application. Further details on request.

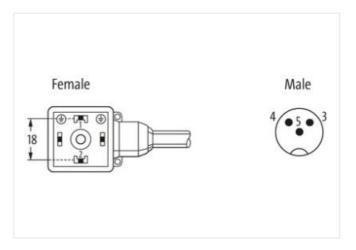
Link to Product

Illustration



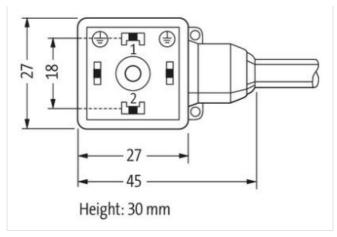








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Product may differ from Image









Cable length	1,5 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	M12
Thread	M3
suitable for corrugated tube (internal Ø)	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	4048879152921
Packaging unit	1
Electrical data	
Drop-out delay time max.	20 ms
Electrical data Supply	
Operating voltage AC	24 V
Operating voltage AC min.	19,2 V
Operating voltage AC max.	28,8 V

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-20



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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
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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)	l I
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	Zino dio dasting
Mounting method	inserted, screwed
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C depending on cable quality
Additional condition temperature range	depending on capie 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
Jacket Color Type of Certificate	· · · · · · · · · · · · · · · · · · ·
	yellow
Type of Certificate	yellow cURus
Type of Certificate Amount stranding	yellow cURus 1
Type of Certificate Amount stranding Stranding	yellow cURus 1 3 wires twisted
Type of Certificate Amount stranding Stranding wire arrangement	yellow cURus 1 3 wires twisted black 1, black 2, green-yellow
Type of Certificate Amount stranding Stranding wire arrangement Cable weigth	yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 55 g/m
Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket	yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 55 g/m PUR
Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket	yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 55 g/m PUR 85 ± 5 Shore A
Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	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
Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	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
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)	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 %
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	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
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)	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
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	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
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	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
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	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



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	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 ℃
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