

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

PUR 3x0.75 ye UL/CSA+drag ch. 1.2m

Form A (18 mm) – M12, male straight 24 V AC ±20% / DC ±25% LED and suppression Bridged PE A-coded

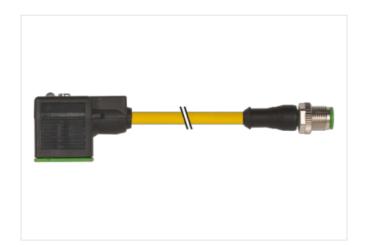
Further cable lengths on request.

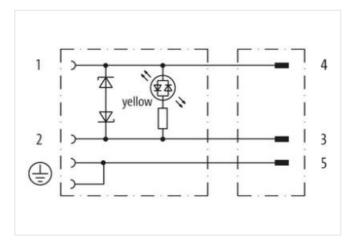
Plastic housings with good resistance against chemicals and oils.

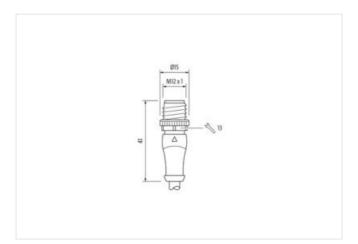
The resistance to aggressive media should be individually tested for your application. Further details on request.

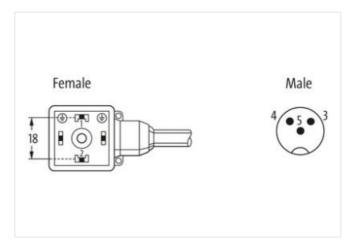
Link to Product

Illustration











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Product may differ from Image









Cable length	1,2 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	4048879152853
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

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: 2024-04-18



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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
·	IS IIIA
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)	T.
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	Line die edeting
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
Installation Cable	
Cable identification	036
Cable Type	3
	0
Printing color of wire insulation	white (isolation black)
Printing color of wire insulation Jacket Color	
	white (isolation black)
Jacket Color	white (isolation black) yellow
Jacket Color Type of Certificate	white (isolation black) yellow cURus
Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	white (isolation black) yellow cURus 1
Jacket Color Type of Certificate Amount stranding Stranding	white (isolation black) yellow cURus 1 3 wires twisted
Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow
Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track)	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 10 Mio. @ 25 °C
Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 10 Mio. @ 25 °C 56,1 g/m PUR 90 ± 5 Shore A
Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 10 Mio. @ 25 °C 56,1 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 10 Mio. @ 25 °C 56,1 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,9 mm
Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 10 Mio. @ 25 °C 56,1 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,9 mm ± 5 %
Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 10 Mio. @ 25 °C 56,1 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 5,9 mm ± 5 % PP
Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 10 Mio. @ 25 °C 56,1 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,9 mm ± 5 % PP
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Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter tolerance core insulation	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 10 Mio. @ 25 °C 56,1 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 5,9 mm ± 5 % PP 3 1,85 mm ± 5 %
Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 10 Mio. @ 25 °C 56,1 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,9 mm ± 5 % PP 3 1,85 mm ± 5 % 70 ± 5 Shore D
Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 10 Mio. @ 25 °C 56,1 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free silicone-free 5,9 mm ± 5 % PP 3 1,85 mm ± 5 % 70 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 10 Mio. @ 25 °C 56,1 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,9 mm ± 5 % PP 3 1,85 mm ± 5 % 70 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free white (isolation black)
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Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 10 Mio. @ 25 °C 56,1 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,9 mm ± 5 % PP 3 1,85 mm ± 5 % 70 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free white (isolation black) 42 0,15 mm
Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire)	white (isolation black) yellow cURus 1 3 wires twisted black 1, black 2, green-yellow 10 Mio. @ 25 °C 56,1 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,9 mm ± 5 % PP 3 1.85 mm ± 5 % 70 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free white (isolation black) 42



Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C horizontal
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
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	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
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
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
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m