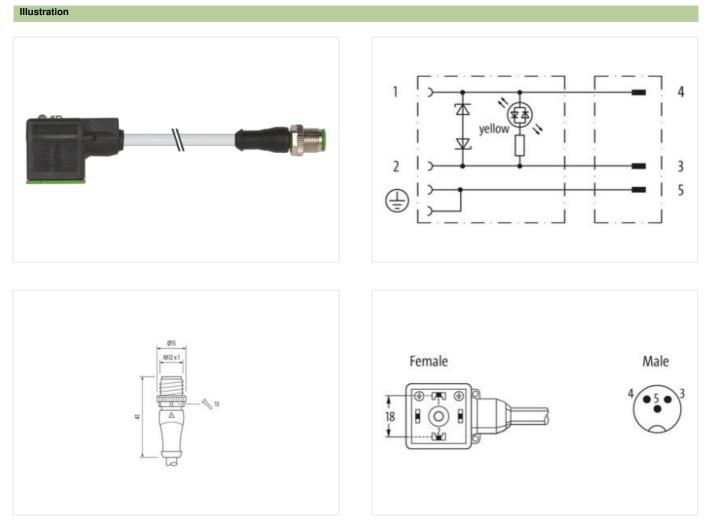


M12 male 0° A-cod. / MSUD valve plug A-18mm

PUR 3x0.75 gy UL/CSA 3.5m

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



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Product may differ from Image



Cable length	3,5 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	4048879152532
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 min. 18 V Current operating per context max. 15 mA Diagnostics Inserted, screwed Status indication tED yellow Device protection [Electrical Inserted, screwed Addition protection degree 3 Rated surge voltage 0.8 kV Material group (ICC 6064-1) 1 Mechanical data Material data Mickoled Coaling locking Nickoled Coaling locking Nickoled Coaling locking Plastic Material gravit Zho die-casting Material park PUR Material park Pure Status data Discoperating morparkure min. 25 °C Op	· · · ·	24 V
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Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5,9 mm	wire arrangement	black 1, black 2, green-yellow
Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5,9 mm	Cable weigth	55,33 g/m
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Outer-diameter (jacket) 5,9 mm		
	Material jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath) ±5%	Material jacket Shore hardness jacket	
	Material jacket Shore hardness jacket Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material inner jacket PVC	Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,9 mm ± 5 %
Material wire insulation PVC	Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,9 mm ± 5 %
Amount wires 3	Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,9 mm ± 5 % PVC
Outer diameter insulation 1,8 mm	Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Material wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,9 mm ± 5 % PVC PVC 3
Outer diameter tolerance core insulation ± 5 %	Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Material wire insulation Amount wires	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,9 mm ± 5 % PVC PVC 3
Shore hardness wire insulation 43 ± 5 Shore D	Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Material wire insulation Amount wires Outer diameter tolerance core insulation	lead-free, cadmium-free, CFC-free, halogen-free 5,9 mm ± 5 % PVC PVC 3 1,8 mm ± 5 %
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Material wire insulation Amount wires Outer diameter tolerance core insulation Shore hardness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,9 mm ± 5 % PVC PVC 3 1,8 mm ± 5 % 43 ± 5 Shore D
Amount strands (wire) 42	Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Material wire insulation Amount wires Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free5,9 mm± 5 %PVCPVC31,8 mm± 5 %43 ± 5 Shore Dlead-free, cadmium-free, CFC-free, silicone-free
Diameter of single wires 0,15 mm	Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Material wire insulation Amount wires Outer diameter tolerance core insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free5,9 mm± 5 %PVCPVC31,8 mm± 5 %43 ± 5 Shore Dlead-free, cadmium-free, CFC-free, silicone-free42

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Conductor crosssection (wire)	0,75 mm²
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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
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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