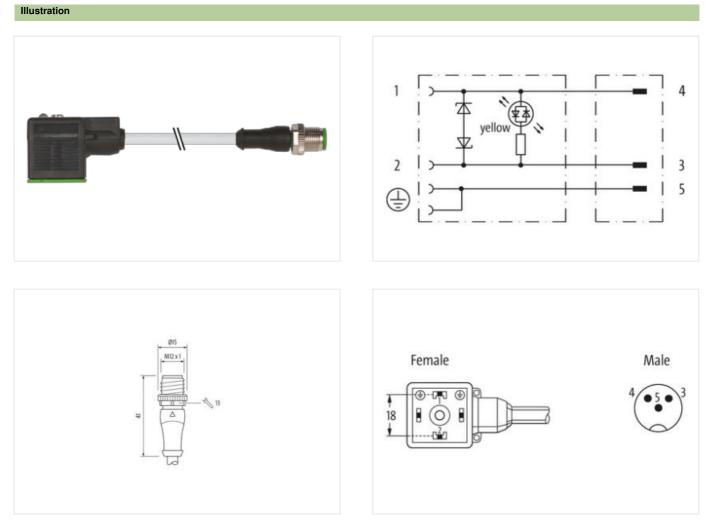


M12 male 0° A-cod. / MSUD valve plug A-18mm

PUR 3x0.75 gy UL/CSA+drag ch. 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	5 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	4048879152365
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 DC24 VOperating voltage DC min.18 VOperating voltage DC max.30 VCut-off peak voltage max.55 VCurrent operating per contact max.4 ACurrent consumption max.15 mADiagnosticsStatus indication LEDyellowDevice protection ElectricalAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage0.8 kVMaterial group (IEC 60664-1)IMechanical data Material dataColor housingblackMaterial gasketPURMaterial asketPURMaterial housingPlasticLocking materialZinc die-casting
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Color housing black Material gasket PUR Material housing Plastic Locking material Zinc die-casting
Material gasket PUR Material housing Plastic Locking material Zinc die-casting
Material housing Plastic Locking material Zinc die-casting
Locking material Zinc die-casting
Mechanical data Mounting data
Mounting method inserted, screwed
Environmental characteristics Climatic
Operating temperature min25 °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 nermissible bending radii when laving cables as the IP protection class can be
Note on bending radius endangered by excessive bending forces.
Installation Cable
Cable identification 236
Cable Type 3
Printing color of wire insulation white (isolation black)
Jacket Color gray
Type of Certificate cURus
Amount stranding 1
Stranding 3 wires twisted
wire arrangement black 1, black 2, green-yellow
Cable weigth 56,1 g/m
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

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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
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
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 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)	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

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