

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

PUR 2x0.75 bk UL/CSA+drag ch. 5m

Art.No.: 7072-40881-7540500

Weight: 0.231

Country of origin: CZ

Model designation: MSKL3-A-P754_5.0-S72

Xtreme - Outdoor

Stainless steel 1.4305 (V2A)

MSUD

Form A (18 mm)

4-pole

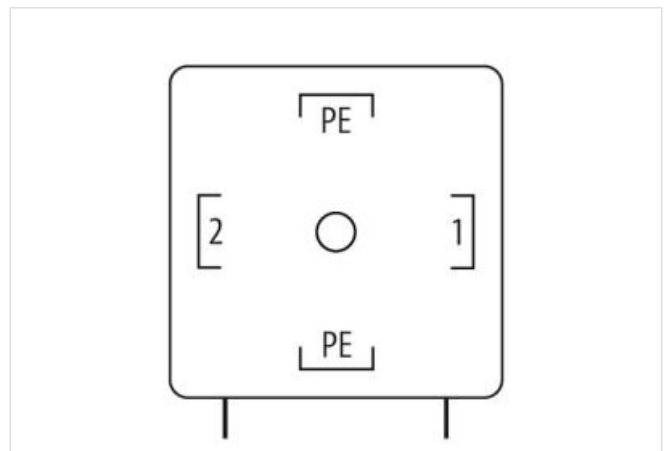
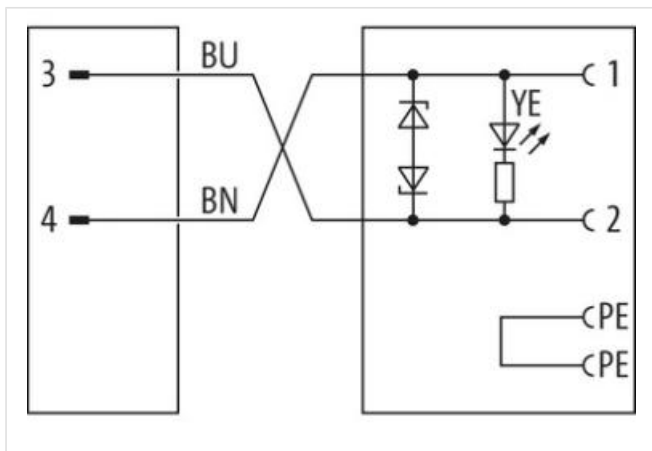
Male M12

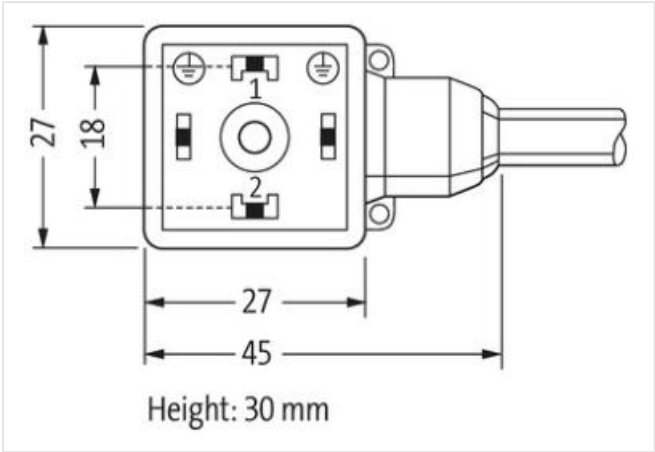
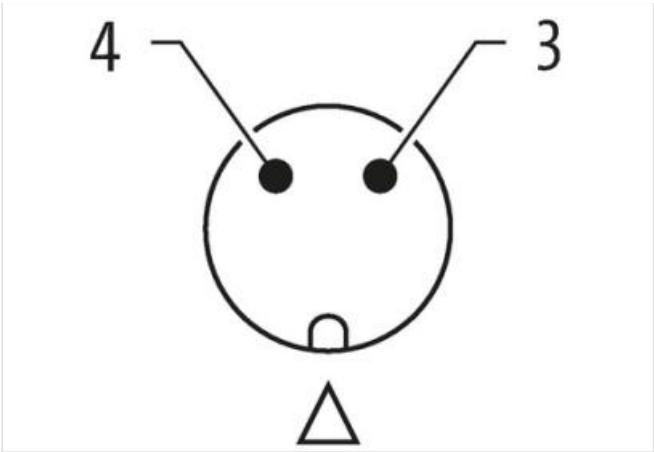
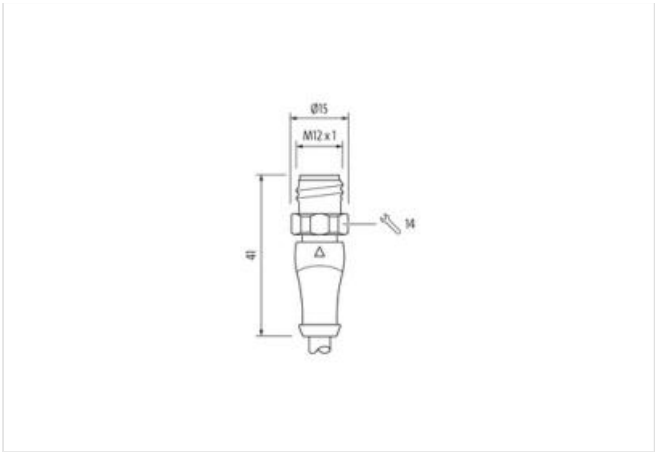
straight

2-pole

12...24 V AC/DC

Z-Diode + LED

[Link to Product](#)**Illustration**



Product may differ from Image



Cable length	5 m
Side 1	
Tightening torque	0,4 Nm
Coating contact	silver-plated
Family construction form	MSUD
suitable for corrugated tube (internal Ø)	10 mm
Material contact	Copper alloy
Material	PUR
No. of poles	4
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67, IP68
Side 2	
Tightening torque	0,6 Nm
Coating contact	gold plated
Family construction form	M12
Material contact	Copper alloy
Material	PBT
No. of poles	2
Width across flats	SW14

Degree of protection (EN IEC 60529) IP65, IP66K, IP67, IP68

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
customs tariff number	85444290
EAN	4048879483605
EAN	4048879483605
Packaging unit	1
Packaging unit	1
Electrical data Supply	
Operating voltage AC min.	12 V
Operating voltage AC max.	24 V
Operating voltage DC min.	12 V
Operating voltage DC max.	24 V
Cut-off peak voltage max.	55 V
Current operating per contact max.	4 A
Current consumption max.	8 mA
Diagnostics	
Status indication LED	yellow
Installation Connection	
Mounting set	M3
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I
Additional suppressor	Diode, Z-Diode
Mechanical data Material data	
Material housing	Plastic
Color housing	black
Material gasket	Silicon
Locking material	Stainless steel 1.4305 (V2A)
Mechanical data Mounting data	
Mounting method	inserted, screwed
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.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
wire arrangement	brown, blue
Cable identification	754
Cable Type	3
Jacket Color	black

Type of Certificate	cURus
Amount stranding	1
Stranding	2 wires twisted
wire arrangement	brown, blue
Cable weighth	40,7 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 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	2
Outer diameter insulation	1,7 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
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	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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
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
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min