

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

PUR 4x0,75 bk UL/CSA 0,5m

Art.No.: 7000-41911-6270050

Weight: 0.083 Country of origin: CZ

Model designation: MSKLZ-A-N627 0.5

Form A (18 mm)

Further cable lengths on request.

Male M12 straight 12...30 V DC

4-pole

Z-Diode + LED Control current

Control current

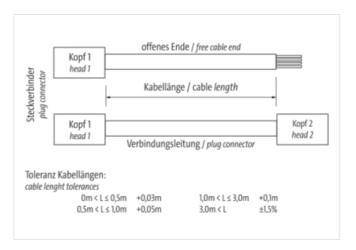
Switching frequency

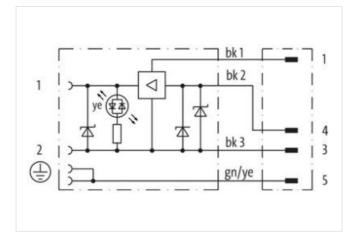
Plastic housings with good resistance against chemicals and oils.

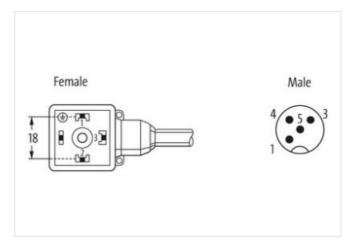
Link to Product

Illustration



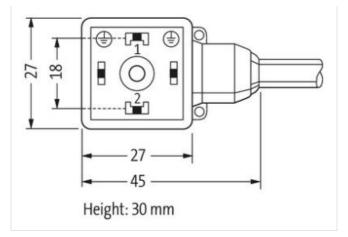


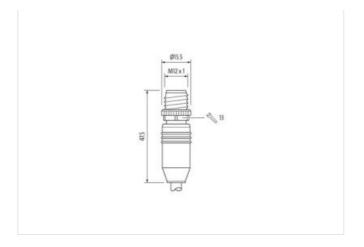






stay connected





Product may differ from Image









Cable length	0,5 m	
Side 1		
Tightening torque	0,4 Nm	
Mounting method	inserted, screwed	
Coating contact	silver-plated	
Family construction form	MSUD	
Thread	M3	
Material contact	Copper alloy	
Material	PUR	
No. of poles	4	
Side 2		
Tightening torque	0,6 Nm	
Mounting method	inserted, screwed	
Coating contact	gold plated	
Family construction form	M12	
Thread	M12 x 1	
Material contact	Copper alloy	
Material	PBT	
No. of poles	4	
Width across flats	SW13	
Commercial data		
ECLASS-6.0	27143423	
ECLASS-6.1	27279218	
ECLASS-7.0	27279218	
ECLASS-8.0	27279218	
ECLASS-9.0	27060312	
ECLASS-10.1	27060312	
ECLASS-11.1	27060312	
ECLASS-12.0	27060312	
ETIM-5.0	EC001855	
customs tariff number	85444290	
customs tariff number	85444290	



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EAN	4048879529808
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Packaging unit	1
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Electrical data Supply	
Operating voltage DC min.	12 V
Operating voltage DC max.	30 V
Cut-off peak voltage max.	46 V
Operating current per contact min. (40 °C)	0,1 A
Operating current per contact max. (40°C)	2 A
Current consumption max.	6 mA
Diagnostics	
Status indication LED	yellow
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
<u> </u>	
Electrical data Output	50.11-
Switching frequency max.	50 Hz
Mechanical data	
Contour for corrugated hose	without
Mechanical data Material data	
Material housing	Plastic
Color housing	black
Coating locking	Nickeled
Material gasket	PUR
Locking material	Zinc die-casting
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)
	DIV EN 01070-2-101 (M12)
Installation Cable	
wire arrangement	black 1, black 2, black 3, green-yellow
Cable identification	627
Cable Type Printing color of wire insulation	2 white (ingletion block)
Jacket Color	white (isolation black) black
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	black 1, black 2, black 3, green-yellow
Cable weigth Material jacket	74,8 g/m PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	6,5 mm
Tolerance outer diameter (sheath)	± 5 %
Totalioc outer diameter (Sileatil)	



Material inner jacket	PVC
Color (inner jacket)	black
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,8 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 5 Shore D
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 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	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
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)	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