

MSUD valve plug A-18mm with cable

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

MSUD Form A (18 mm) 24 V AC ±20% / DC ±25% LED and suppression Bridged PE

Further cable lengths on request.

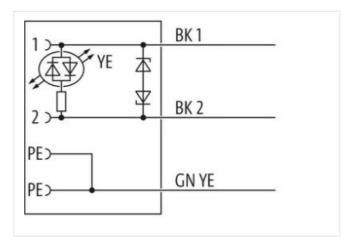
Plastic housings with good resistance against chemicals and oils.

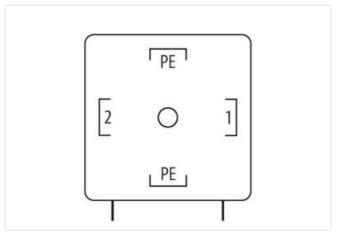
The resistance to aggressive media should be individually tested for your application. Further details on request.

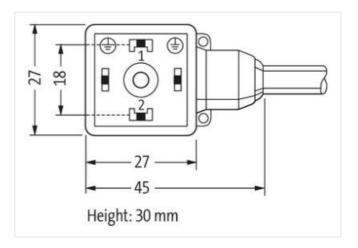
Link to Product

Illustration









Product may differ from Image









Cable length

3 m

Side 1



stay connected

Tightening torque	0,4 Nm	
Mounting method	inserted, screwed	
Family construction form	MSUD A	
Thread	M3	
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	4048879193504	
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	
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	
Diagnostics		
Status indication LED	yellow	
Installation Connection	your .	
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Mounting set	M3	
Device protection Electrical		
Additional condition protection degree	inserted, screwed	
Pollution Degree	3	
Rated surge voltage	0,8 kV	
Material group (IEC 60664-1)	I	
Additional suppressor	Diode, Z-Diode	
Mechanical data Material data		
Coating locking	verzinkt	
Coating of fitting	verzinkt	
Color housing	black	
Material gasket	PUR	
Locking material	Steel	
Material screw connection	Steel	
Mechanical data Mounting data		
Mounting method	inserted, screwed	
Environmental characteristics Climatic		



			stay connected
Operating temperature min.	-25 °C		

Operating temperature min.	-25 °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.			
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.			
Installation Cable				
Cable identification	636			
Cable Type	3			
Printing color of wire insulation	white (isolation black)			
Jacket Color	black			
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			
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 (claristics)	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	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090			
chemical resistance	Good, application-related testing			
Gasoline resistance	Good, application-related testing			
Oil resistance	Good, application-related testing Good, application-related testing DIN EN 60811-404			
Bending radius (fixed)	5 x Outer diameter			
Bending radius (dynamic)	10 x Outer diameter			
Travel speed (C-track)	10 Mio. @ 25 °C			

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: 2024-05-19



No. of torsion cycles	2 Mio.	
Torsion stress	± 180 °/m	
Torsion speed	35 cycles/min	