

stay connected

## MSUD valve plug A-18mm with cable

PUR 3x0.75 bk UL/CSA+drag ch. 4.5m

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

Further cable lengths on request.

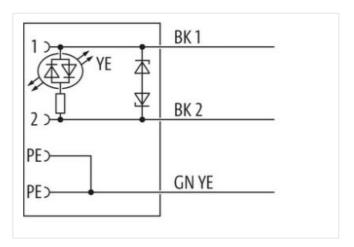
Plastic housings with good resistance against chemicals and oils.

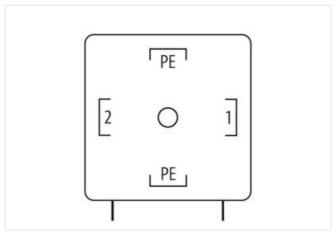
The resistance to aggressive media should be individually tested for your application. Further details on request.

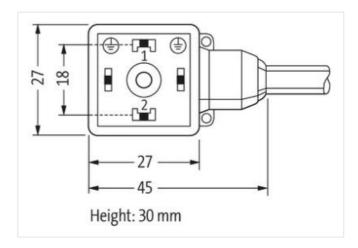
## **Link to Product**

## Illustration









Product may differ from Image









Cable length

4,5 m

Side 1



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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-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	
GTIN	4065909007396	
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		
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	



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Environmental characteristics   Climatic		
perating temperature min.	-25 °C	
perating temperature max.	85 °C	
dditional condition temperature range	depending on cable quality	
Important installation notes		
lote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	
lote on bending radius	<b>Attention:</b> 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)	
acket Color	black	
ype of Certificate	cURus	
mount stranding	1	
stranding	3 wires twisted	
vire arrangement	black 1, black 2, green-yellow	
Cable weigth	56,1 g/m	
Material jacket	PUR	
Shore hardness jacket	90 ± 5 Shore A	
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
Outer-diameter (jacket)	5,9 mm	
olerance outer diameter (sheath)	± 5 %	
Material wire insulation	PP	
mount wires	3	
uter diameter insulation	1,85 mm	
uter diameter tolerance core insulation	± 5 %	
hore hardness wire insulation	70 ± 5 Shore D	
gredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
rinting color of wire insulation	white (isolation black)	
mount strands (wire)	42	
iameter of single wires	0,15 mm	
Conductor crosssection (wire)	0,75 mm <sup>2</sup>	
faterial conductor wire	Stranded copper wire, bare	
Conductor type (wire)	strand class 6	
raversing distance (C-track)	10 m @ 25 °C   horizontal	
Iominal voltage AC max.	300 V	
Current load capacity (standard)	to DIN VDE 0298-4	
Current load capacity min. wire	12 A	
lectrical resistance line constant wire	26 Ω/km @ 20 °C	
C withstand voltage (wire - wire)	2,5 kV @ 60 s	
ower frequency withstand voltage (wire - acket)	2,5 kV @ 60 s	
fin. operating temperature (static)	-40 °C	
lax. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation	
perating temperature min. (dynamic)	-25 °C	
perating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation	
V resistance	DIN EN ISO 4892-2 A	
lame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090	
hemical resistance	Good, application-related testing	
Sasoline resistance	Good, application-related testing	
	<u> </u>	



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