

stay connected

## MSUD valve plug A-18mm with cable

PVC 3x0.75 bk 5m

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

Further cable lengths on request.

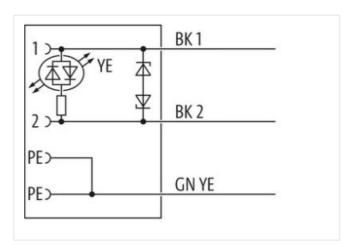
Plastic housings with good resistance against chemicals and oils.

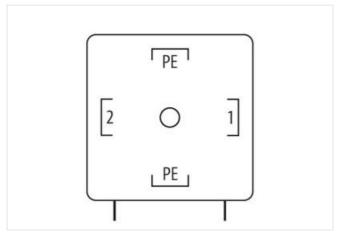
The resistance to aggressive media should be individually tested for your application. Further details on request.

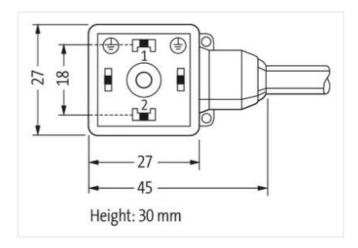
## **Link to Product**

## Illustration









Product may differ from Image









Cable length

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	4048879193764	
Packaging unit	1	
Electrical data		
	20	
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	
	, s.i.e.	
Installation   Connection	110	
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	
	Steel	
Material screw connection		
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	
mportant installation notes		
ote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	
ote on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	
nstallation   Cable		
able identification	616	
able Type	1	
rinting color of wire insulation	white (isolation black)	
acket Color	black	
mount stranding	1	
tranding	3 wires twisted	
ire arrangement	black 1, black 2, green-yellow	
able weigth	61,6 g/m	
laterial jacket	PVC	
hore hardness jacket	80 ± 5 Shore A	
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free	
uter-diameter (jacket)	5,9 mm	
olerance outer diameter (sheath)	±5%	
laterial wire insulation	PVC	
mount wires	3	
uter diameter insulation	1,8 mm	
uter diameter tolerance core insulation	±5%	
hore hardness wire insulation	43 ± 5 Shore D	
laterial properties wire insulation	good machinability	
gredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free	
rinting color of wire insulation	white (isolation black)	
mount strands (wire)	24	
iameter of single wires	0,2 mm	
onductor crosssection (wire)	0,75 mm²	
laterial conductor wire	Stranded copper wire, bare	
onductor type (wire)	Strand class 5	
lax. rated voltage (conductor - conductor)	500 V	
lax. rated voltage (conductor - ground)	300 V	
urrent load capacity (standard)	to DIN VDE 0298-4	
urrent load capacity min. wire	12 A	
lectrical resistance line constant wire	26 Ω/km @ 20 °C	
C withstand voltage (wire - wire)	3 kV @ 60 s	
ower frequency withstand voltage (wire - cket)	3 kV @ 60 s	
lin. operating temperature (static)	-30 °C	
ax. operating temperature (fixed)	70 °C	
perating temperature min. (dynamic)	-5 °C	
perating temperature max. (dynamic)	70 °C	
V resistance	DIN EN ISO 4892-2 A	
lame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090	
nemical resistance	Good, application-related testing	
asoline resistance	Good, application-related testing	
il resistance	Good, application-related testing   DIN EN 60811-404	
ending radius (fixed)	5 x Outer diameter	
ending radius (lixed) ending radius (dynamic)	5 x Outer diameter  10 x Outer diameter	

Product-PDF for Article 7000-18021-6160500

