

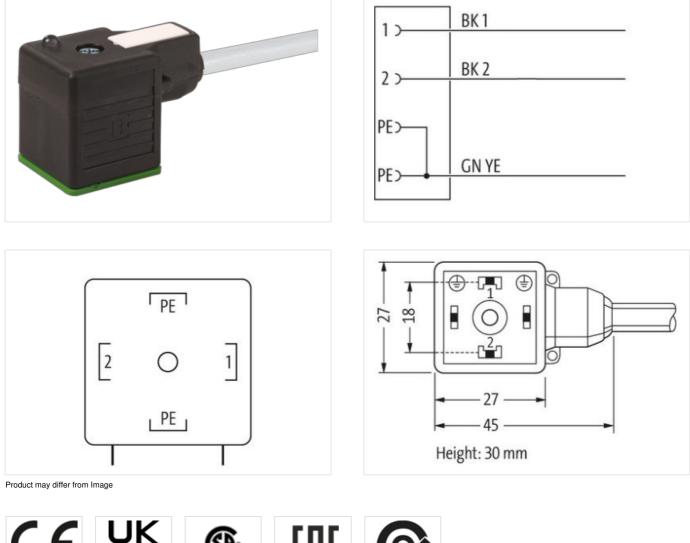
MSUD valve plug A-18mm with cable

PUR 3x0.75 gy UL/CSA+drag ch. 0.6m

MSUD Form A (18 mm) 0...230 V AC/DC without components 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







0,6 m

0,4 Nm

Cable length

Side 1

Tightening torque

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Mounting method	inserted, screwed
Family construction form	MSUD A
Thread	M3
Material .	PBT
Degree of protection (EN IEC 60529)	IP67
Commercial data	
CLASS-6.0	27279218
CLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060312
ECLASS-11.1	27060312
CLASS-12.0	27060312
ETIM-5.0	EC001855
ustoms tariff number	85444290
GTIN	4048879625784
Packaging unit	1
Electrical data Supply	
Dperating voltage AC max.	230 V
Derating voltage DC max.	230 V 230 V
Current operating per contact max.	10 A
Installation Connection	
Iounting set	M3
Device protection Electrical	
dditional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	4 kV
Aterial group (IEC 60664-1)	
Mechanical data Material data	
Coating of fitting	verzinkt
Color housing	black
Aterial screw connection	Steel
Mechanical data Mounting data	
Nounting method	inserted, screwed
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating 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	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Installation Cable	
vire arrangement	black 1, black 2, green-yellow
Cable identification	236
Cable Type	3
Printing color of wire insulation	white (isolation black)
acket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted

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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
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
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
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

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