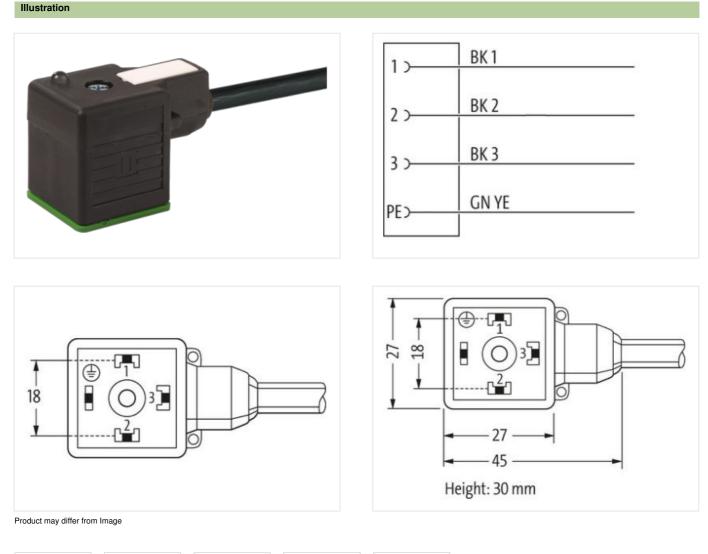


## MSUD valve plug A-18mm with cable

PUR 4x0.75 bk UL/CSA+drag ch. 5m

MSUD Form A (18 mm) 0...230 V AC/DC without components PE opposite cable entry (0°) 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





Cable length

5 m

Side 1

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: 2024-05-10

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Mouning methodinstruct, serowedFamily contrauction formIKSUD AFamily contrauction formIKSUD AMaterialPBTDegree of protection (EVIEC 60555)IPBK, IPPTCommercial data272/9218ECLASS-6.0272/9218ECLASS-8.0272/9218ECLASS-8.0272/9218ECLASS-8.0272/9218ECLASS-8.0272/9218ECLASS-8.0270/90011ECLASS-8.10.1270/90012ECLASS-8.10.1270/90012ECLASS-8.10.1270/90012ECLASS-8.10.1270/90012ECLASS-8.10.1270/90012ECLASS-8.10.1270/90012ECLASS-8.10.1270/90012ECLASS-8.10.1270/90012ECLASS-8.10.1270/90012ECLASS-10.1270/90012ECLASS-10.1270/90012ECLASS-10.1270/90012ECLASS-10.1270/90012ECLASS-10.1270/90012ECLASS-10.1270/90012ECLASS-10.1270/90012ECLASS-10.1200 VControl Comparing voltage Of max.230 VElectrical data ISuppi230 VCurrent operating per context max.10 AInstallation Connection230 VCurrent operating per context max.230 VCurrent operating per context max.10 AInstallation Connection230 VCurrent operating per context max.230 VCurrent operating per context max.230 VCurent operating per context max.10 A	Tightening torque	0,4 Nm
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Important installation notesNote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityProduct standardDIN EN 175301-803Installation   CableCable identification637Cable Type3Printing color of wire insulationwhite (isolation black)Jacket Colorblack	Operating temperature max.	85 °C
Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityInstallation   CableProduct standardDIN EN 175301-803Installation   Cable637Cable identification637Cable Type3Printing color of wire insulationwhite (isolation black)Jacket Colorblack	Additional condition temperature range	depending on cable quality
Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityProduct standardDIN EN 175301-803Installation   CableCable identification637Cable Type3Printing color of wire insulationwhite (isolation black)Jacket Colorblack	Important installation notes	
endangered by excessive bending forces.    Conformity    Product standard  DIN EN 175301-803    Installation   Cable    Cable identification  637    Cable Type  3    Printing color of wire insulation  white (isolation black)    Jacket Color  black	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standardDIN EN 175301-803Installation   CableCable identification637Cable Type3Printing color of wire insulationwhite (isolation black)Jacket Colorblack	Note on bending radius	
Installation   Cable      Cable identification    637      Cable Type    3      Printing color of wire insulation    white (isolation black)      Jacket Color    black	Conformity	
Cable identification  637    Cable Type  3    Printing color of wire insulation  white (isolation black)    Jacket Color  black	Product standard	DIN EN 175301-803
Cable Type  3    Printing color of wire insulation  white (isolation black)    Jacket Color  black	Installation   Cable	
Printing color of wire insulation  white (isolation black)    Jacket Color  black	Cable identification	637
Jacket Color black	Cable Type	3
	Printing color of wire insulation	white (isolation black)
Type of Certificate cURus	Jacket Color	black
	Type of Certificate	cURus

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: 2024-05-10

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Amount stranding	1
Stranding	4 wires twisted
wire arrangement	black 1, black 2, black 3, green-yellow
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Cable weigth	69,3 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)	6,5 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	4
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 <sup>2</sup>
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	9,6 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	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	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
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

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