

## MSUD valve plug B-10mm with cable

PVC 3x0.75 ye 3m

MSUD Form B (10 mm) 24 V AC ±20% / DC ±25% LED and suppression

Further cable lengths on request.

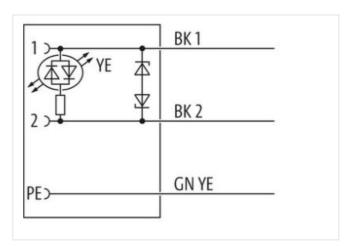
Plastic housings with good resistance against chemicals and oils.

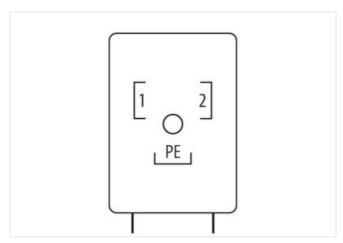
The resistance to aggressive media should be individually tested for your application. Further details on request.

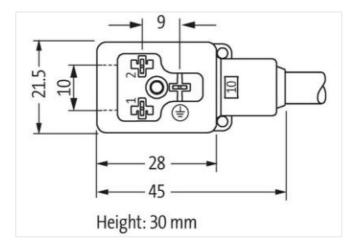
## **Link to Product**

## Illustration









Product may differ from Image









Cable length

3 m

Side 1

Tightening torque 0,4

0,4 Nm



stay connected

Thread M3	Mounting method	inserted, screwed
Tread	Family construction form	MSUD B
Metroid   PBT		M3
Commercial data	Material	PBT
Commercial data	Degree of protection (EN IEC 60529)	IP67
ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         2700311           ECLASS-11         2700312           ECLASS-11.1         2700312           ECLASS-12.0         2700312           ECLASS-17.0         2700312           ECLASS-17.0         2700312           ECLASS-17.0         40487224031           Packaging unit         1           Electrical data         40487224031           Packaging unit         1           Electrical data   Supply           Operating vollage AC         24 V           Operating vollage AC max         28 B V           Operating vollage AC max         28 B V           Operating vollage DC min.         18 V           Operating vollage DC max.         30 V           Cut of upak vollage DC max.         30 V           Cut of upak vollage DC max.         55 V           Current consumption max.         15 mA           Diagnostics         30 V           States infocati		
ECLASS-7.0         27279218           ECLASS-8.0         2779818           ECLASS-9.0         27060311           ECLASS-10.1         27060312           ECLASS-12.0         27060312           ECLASS-12.0         27060312           ETM-5.0         ECO01895           Causions farfil mumber         8544290           GTIN         4048878224031           Peckaging unit         1           Electrical data         20 ms           Electrical data   Supply           Operating voltage AC         24 V           Operating voltage AC max         28,9 V           Operating voltage AC max         28,9 V           Operating voltage OC         24 V           Operating voltage AC max         28,9 V           Operating voltage DC max         30 V           Cut of topask voltage max         55 V           Cut of topask voltage max         55 V           Cut of topask voltage max         15 mA           Diagnostics         Status indication LED           Value of topask voltage max         15 mA           Diagnostics         Status indication LED           Status indication LED         yelow           Installation Connection         MS		07070040
ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-1.1         27060312           ECLASS-1.1.1         27060312           ECLASS-1.2.0         27060312           ETIM 5.0         EC001885           customs staff rumber         85444290           GTIN         408878224031           Packaging unkt         1           Electrical data         What is a supply           Opprating voltage AC         24 V           Operating voltage AC max         28,8 V           Operating voltage AC max         28,8 V           Operating voltage AC max         28,8 V           Operating voltage AC max         24 V           Operating voltage AC max         28,8 V           Operating voltage AC max         39 V           Cut of past voltage max         55 V           Cut of past voltage max         55 V           Cut of past voltage max         15 mA           Disegnates         Max           Mouring get W         Ma		
ECLASS 9.0         27060311           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ECLASS-12.0         ECO0355           customs tariff number         85444290           GTIN         4048878224031           Packaging unit         1           Electrical data         UNIVERSAL SUPPY           Opprating voltage AC         24 V           Opprating voltage AC min.         19.2 V           Opprating voltage AC min.         19.2 V           Opprating voltage AC max.         28.8 V           Opprating voltage DC min.         18 V           Opprating voltage pmr.         55 V           Current consumption max.         15 mA           Diagnostics         Status indication LED           Status indication Connection         M3           Installation Connection         M3           Device protection I Electrical         Additional condition protection degree           Installation I Suppressor         10 clods, 2 Diode           Maceriagi group (IEC 606641-1) <td></td> <td></td>		
ECLASS-1.1.1         27060312           ECLASS-12.0         27060312           ETIMS-0.1         ECO01855           Oattoon Staff fumber         6544290           GTIN         4048979224031           Packaging unit         1           Electrical data         Electrical data           Drop-out delay time max.         20 ms           Electrical data [Supply         Percention of the property of the proper		
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GTN         4048879224031           Packaging unit         1           Electrical data         V           Drop-out delay time max.         20 ms           Electrical data   Supply         V           Operating voltage AC         24 V           Operating voltage AC min.         19.2 V           Operating voltage DC min.         18 V           Operating voltage DC min.         18 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 operating per contact max.         4 A           Diagnostics         Validomal call on LED         yellow           Installation   Connection         Ma           Mounting set         Ma         Ma           Device protection   Electrical         Additional condition protection degree         inserted, screwed           Pollution Degree         3         A           Additional suppressor         Diode, 2-Otode           Mechanical data   Material data         Coating locking         verzinkt           Coating locking         verzinkt         Coating locking overzing and screw connection         Steel <td></td> <td></td>		
Packaging unit         1           Electrical data         20 ms           Drop-out delay time max.         20 ms           Electrical data   Supply         V           Operating voltage AC min.         19.2 V           Operating voltage AC min.         19.2 V           Operating voltage DC min.         18 V           Operating voltage DC min.         18 V           Operating voltage DC min.         18 V           Operating voltage pC max.         55 V           Current operating per contact max.         4 A           Current operating per contact max.         4 A           United peak voltage max.         55 V           Current operating per contact max.         4 A           United policy portion         15 mA           Diagnostics         V           Status indication LED         yellow           Installation   Connection           Mounting set         Ma           Device protection   Electrical           Additional condition protection degree         3           Rated surge voltage         0.8 kV           Material group (Ecoses+1)         1           Additional suppressor         Diode, Z-Diode           Mechanical data   Material data		
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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         M3           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         1           Additional suppressor         Diode, Z-Diode           Mechanical data   Material data         Verzinkt           Coating of fitting         verzinkt           Coating of fitting         verzinkt           Coating of material         Steel           Material screw connection         Steel           Mechanical data   Mounting data           Mounting method         inserted, screw	Operating voltage AC	24 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 80664-1)         I           Additional suppressor         Diode, Z-Diode           Mechanical data   Material data         Verzinkt           Coating of fitting         verzinkt           Coating of fitting         verzinkt           Color housing         black           Material screw connection         Steel           Mechanical data   Mounting data           Mounting method         inserted, screwed           Environmental characteristics   Climatic      <		19.2 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 consumption max.         15 mA           Diagnostics           Status indication LED         yellow           Installation   Connection           Mounting set         M3           Device protection   Electrical           Additional condition protection degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60684-1)         1           Additional suppressor         Diode, Z-Diode           Mechanical data   Material data         Coating locking           Coating locking         verzinkt           Coating locking         verzinkt           Coating offiting         verzinkt           Color housing         black           Material gasket         PUR           Locking material         Steel           Mechanical data   Mounting data           Mounting method         inserted, screwed           Environmental characteristics   Climatic           Operating temperature min.         -25 °C <td></td> <td></td>		
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Material group (IEC 60664-1)  Additional suppressor  Diode, Z-Diode  Mechanical data   Material data  Coating locking  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  Operating temperature min.  Jiode (2.5 °C	Pollution Degree	3
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  Operating temperature min25 °C	Rated surge voltage	0,8 kV
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  Operating temperature min25 °C	Material group (IEC 60664-1)	
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  Operating temperature min25 °C	Additional suppressor	Diode, Z-Diode
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  Operating temperature min25 °C	Mechanical data   Material data	
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  Operating temperature min25 °C		verzinkt
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Material gasket PUR  Locking material Steel  Material screw connection Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C		
Locking material  Material screw connection  Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min.  -25 °C		
Material screw connection  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min.  -25 °C		
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Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C		
Environmental characteristics   Climatic  Operating temperature min25 °C		innerted serviced
Operating temperature min25 °C		
	Environmental characteristics   Climatic	
Operating temperature max. 85 °C		
	Operating temperature max.	85 °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: 2024-06-26



stay connected

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	<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	
wire arrangement	black 1, black 2, green-yellow
Cable identification	016
Cable Type	1
Printing color of wire insulation	white (isolation black)
Jacket Color	yellow
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	black 1, black 2, green-yellow
Cable weigth	63,8 g/m
Material jacket	PVC
Shore hardness jacket	80 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	3
Outer diameter insulation	1,8 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Printing color of wire insulation	white (isolation black)
Amount strands (wire)	24
Diameter of single wires	0,2 mm
Conductor crosssection (wire)	0,75 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Max. rated voltage (conductor - conductor)	500 V
Max. rated voltage (conductor - ground)	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)	3 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	3 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	70 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
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   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter