

## MSUD valve plug BI-11mm with cable

PVC 3x0.75 ye 10m

Art.No.: 7000-11041-0161000

Weight: 0.614 kg Country of origin: CZ

Model designation: MSUDK-IB3Z-016\_10.0

**MSUD** 

Form BI (11 mm) 110 V AC/DC ±10% LED and suppression without cable sleeves

Further cable lengths on request.

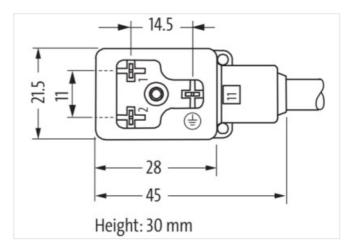
Plastic housings with good resistance against chemicals and oils.

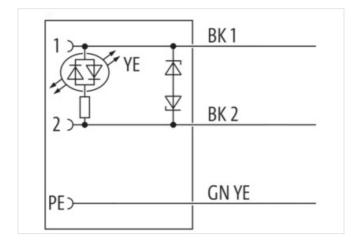
The resistance to aggressive media should be individually tested for your application. Further details on request.

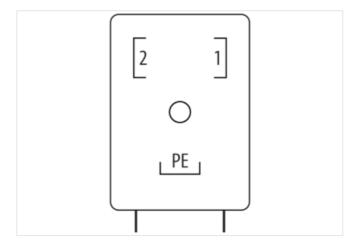
## **Link to Product**

## Illustration

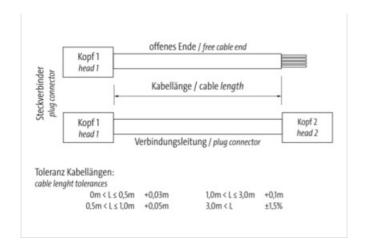


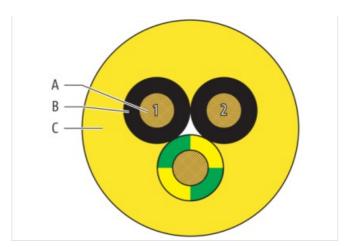














Product may differ from Image











Header	
Material short text	MSUDK-IB3Z-016_10.0
Cable length	10,00 m
Side 1	
Family construction form	Valve connector form BI
No. of poles	3
Gender	female
Mounting method	inserted, screwed
Threaded hole	M3x31
Tightening torque	0,4 Nm
Material	PBT
Material contact	Copper alloy
Coating contact	silver-plated
Degree of protection (EN IEC 60529)	IP67
Side 2	
Coating contact	silver-plated
Commercial data	



URL Webshop	https://shop.murrelektronik.com/7000-11041-0161000
GTIN	4065909096765
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-7.1	27279218
ECLASS-8.0	27279218
ECLASS-8.1	27279218
ECLASS-9.0	27060312
ECLASS-10.0.1	27060312
ECLASS-10.1	27060312
ECLASS-11.0	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ECLASS-13.0	27060312
ECLASS-14.0	27060312
customs tariff number	85444290
EAN	4065909096765
Packaging unit	1
	•
Electrical data	
Drop-out delay time max.	20 ms
Electrical data   Supply	
Operating voltage AC	110 V
Operating voltage AC min.	99 V
Operating voltage AC max.	121 V
Operating voltage DC	110 V
Operating voltage DC min.	99 V
Operating voltage DC max.	121 V
Current operating per contact max.	4 A
Cut-off peak voltage max.	270 V
Current consumption max.	8 mA
Diagnostics	
Status indication LED	yellow
Installation   Connection	
Mounting set	M3x31
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Additional suppressor	Diode, Z-Diode
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	-,
	·
Mechanical data	
Contour for corrugated hose	without
Mechanical data   Material data	
Color housing	Black
Material screw connection	Steel
Coating of fitting	galvanized
Locking material	Steel
Coating locking	galvanized
Mechanical data   Mounting data	
· · · · · ·	incerted coround
Mounting method	inserted, screwed

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: 2025-12-14



perating temperature min.	-25 °C
perating temperature max.	85 °C
dditional condition temperature range	depending on cable quality
<u> </u>	adjoining on datio quality
mportant installation notes	
ote 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.
ote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
nstallation   Cable	
able identification	016
able Type	1
mount stranding	1
tranding	3 wires stranded
able weigth	58 g/m
aterial wire insulation	PVC
mount wires	3
uter diameter insulation	1,8 mm
uter diameter tolerance core insulation	± 0,1 mm
hore hardness wire insulation	43 ± 5 Shore D
aterial properties wire insulation	good machinability
gredient freeness wire insulation	CFC-free, cadmium-free, silicone-free, lead-free
rinting color of wire insulation	white (isolation black)
mount strands (wire)	24
ameter of single wires	0,2 mm
onductor crosssection (wire)	0,75 mm²
aterial conductor wire	Stranded copper wire, bare
onductor type (wire)	Strand class 5
uter-diameter (jacket)	5,9 mm
olerance outer diameter (sheath)	± 5 %
aterial jacket	PVC
hore hardness jacket	80 ± 5 Shore A
reedom from ingredients (jacket)	CFC-free, cadmium-free, silicone-free, lead-free
aterial property (jacket)	good machinability
onductor resistance (wire)	26 Ω/km @ 20 °C
ax. rated voltage (conductor - ground)	300 V
ax. rated voltage (conductor - conductor)	500 V
(ithstand voltage (wire - wire)	3 kV @ 60 s
(ithstand voltage (wire - jacket)	3 kV @ 60 s
urrent load capacity (standard)	to DIN VDE 0298-4
urrent load capacity min. wire	12 A
in. operating temperature (static)	-30 °C
ax. operating temperature (static)	70 °C
perating temperature min. (dynamic)	-5 ℃
perating temperature max. (dynamic)	70 °C
il resistance	good
hemical resistance	good
ther resistances	good resistance to gasoline
ending radius (fixed)	5 × Outer diameter