

MSUD valve plug BI-11mm with cable

PVC 3x0.75 gy 3m

Art.No.: 7000-11041-2160300

Weight: 0.208 kg

Country of origin: CZ

Model designation: MSUDK-IB3Z-216_3.0

MSUD

Form BI (11 mm)

 110 V AC/DC $\pm 10\%$

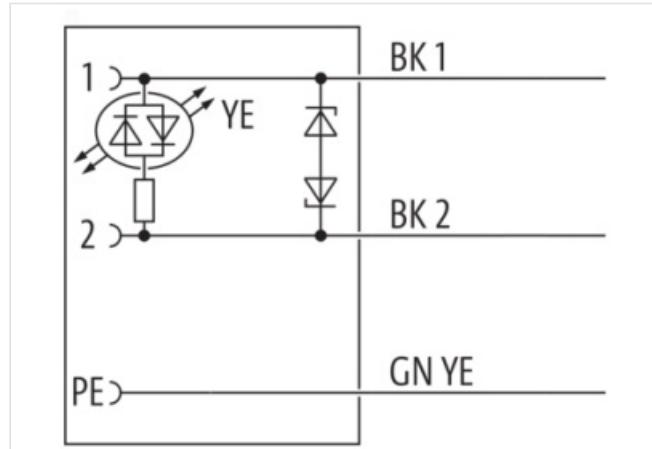
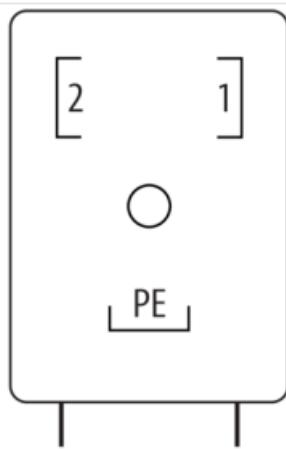
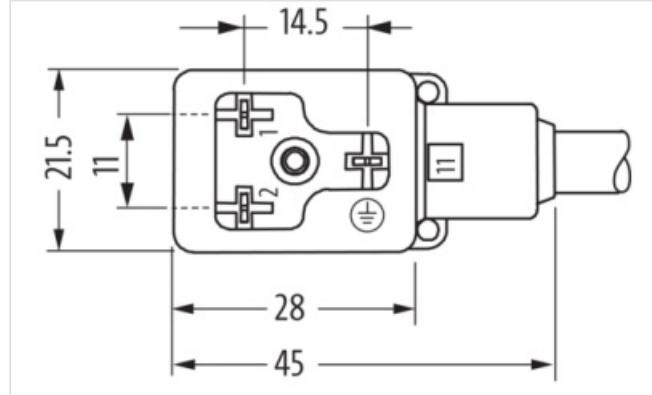
LED and suppression

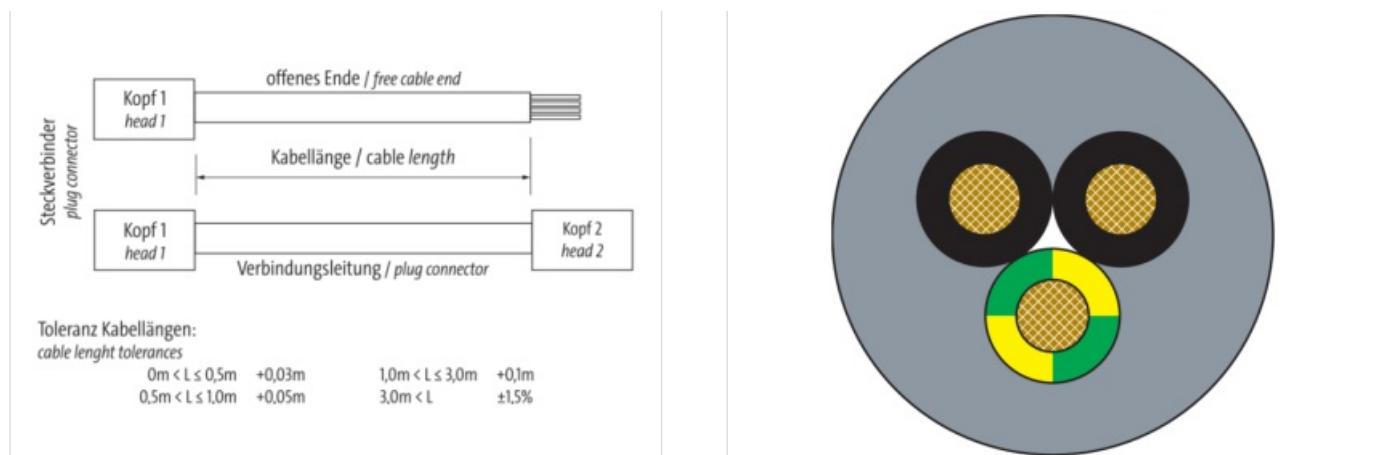
without cable sleeves

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-216_3.0

Cable length 3,00 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/7000-11041-2160300>
 GTIN 4048879221184
 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-9.1 27060312
 ECLASS-10.0.1 27060312
 ECLASS-10.1 27060312
 ECLASS-11.0 27060312
 ECLASS-11.1 27060312
 ECLASS-12.0 27060312

ECCLASS-13.0	27060312
ECCLASS-14.0	27060312
ETIM-5.0	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
customs tariff number	85444290
EAN	4048879221184
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)	I
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	
Mounting method	inserted, screwed
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Installation Cable	

Cable identification	216
Cable Type	1
Stranding	1 x 3 wires stranded
Cable weight	58 g/m
Material wire insulation	PVC
Amount wires	3
Outer diameter insulation	1,8 mm
Outer diameter tolerance core insulation	± 0,1 mm
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 ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PVC
Shore hardness jacket	80 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material property (jacket)	good machinability
Conductor resistance (wire)	26 Ω/km @ 20 °C
Max. rated voltage (conductor - ground)	300 V
Max. rated voltage (conductor - conductor)	500 V
Withstand voltage (wire - wire)	3 kV @ 60 s
Withstand voltage (wire - jacket)	3 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	12 A
Operating temperature min. (static)	-30 °C
Operating temperature max. (static)	70 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
Oil resistance	good
Chemical resistance	good
Other resistances	good resistance to gasoline
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter