

MSUD valve plug BI-11mm with cable

PVC 3x0.75 bk 3m

Art.No.: 7000-11141-6160300

Weight: 0.211 kg

Country of origin: CZ

Model designation: MSUDK-KB3Z-616_3.0

MSUD

Form BI (11 mm)

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

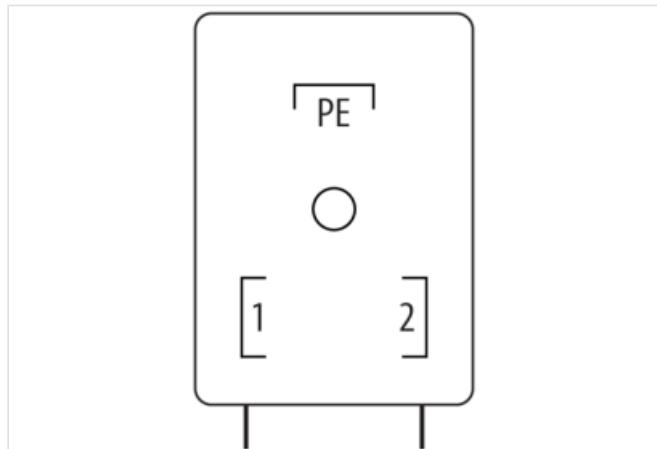
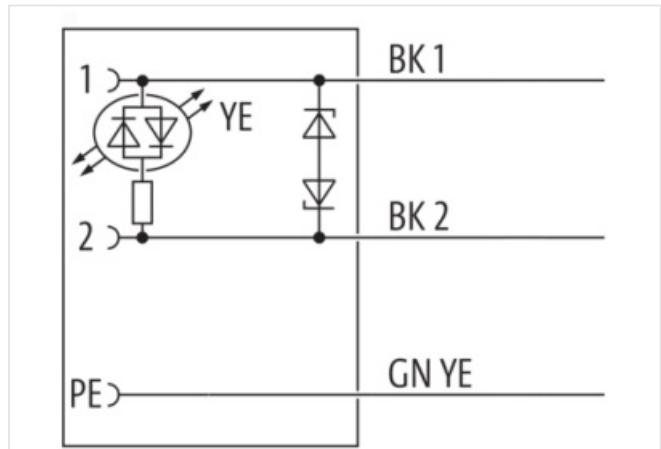
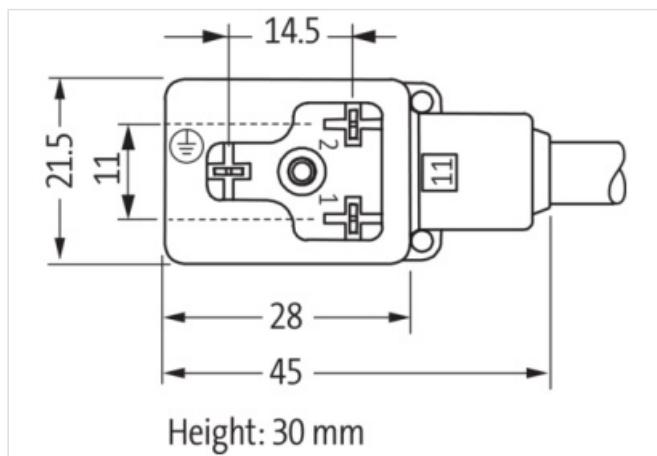
LED and suppression

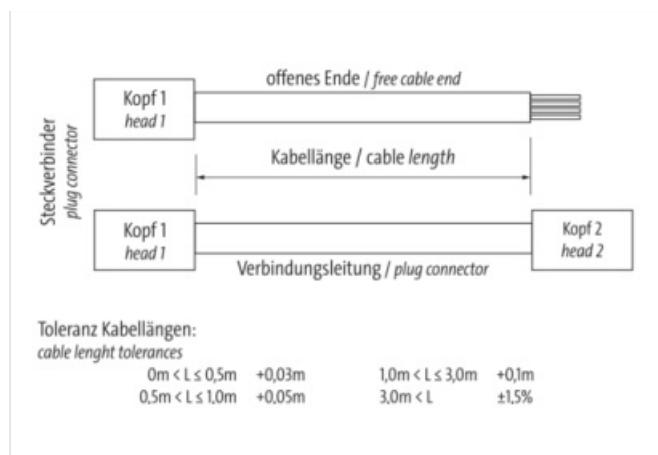
PE opposite cable entry (180°)

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-KB3Z-616_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

Degree of protection (EN IEC 60529) IP67

Commercial data

URL Webshop <https://shop.murrelektronik.com/7000-11141-6160300>

GTIN 4048879367639

ECLASS-6.0 27279218

ECLASS-6.1 27279218

ECLASS-7.0 27279218

ECCLASS-7.1	27279218
ECCLASS-8.0	27279218
ECCLASS-8.1	27279218
ECCLASS-9.0	27060312
ECCLASS-9.1	27060312
ECCLASS-10.0.1	27060312
ECCLASS-10.1	27060312
ECCLASS-11.0	27060312
ECCLASS-11.1	27060312
ECCLASS-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	4048879367639
Packaging unit	1

Electrical data

Drop-out delay time max.	20 ms
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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.	250 V

Diagnostics

Status indication LED	yellow
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Installation | Connection

Mounting set	M3x31
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Device protection | Electrical

Additional condition protection degree	inserted, screwed
Pollution Degree	3
Additional suppressor	Z-Diode
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	I

Mechanical data | Material data

Material housing	Plastic
Color housing	black
Material screw connection	Steel
Coating of fitting	galvanized

Mechanical data | Mounting data

Mounting method	inserted, screwed
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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.
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Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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Installation | Cable

Cable identification	616
Cable Type	1
Amount stranding	1
Stranding	3 wires stranded
Cable weight	56 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 min. 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 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter