

MSUD valve plug A-18mm with cable

PVC 3x0.75 ye 5m

Art.No.: 7000-18021-0160500

Weight: 0.311 kg

Country of origin: CZ

Model designation: MSUDK-AB1Z-016_5.0

MSUD

Form A (18 mm)

 24 V AC $\pm 20\%$ / DC $\pm 25\%$

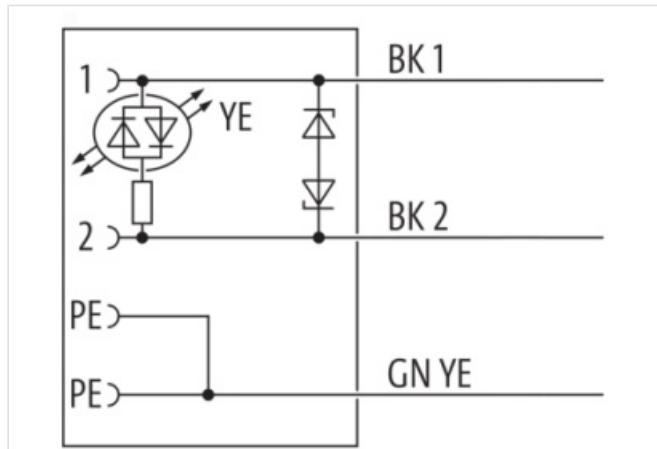
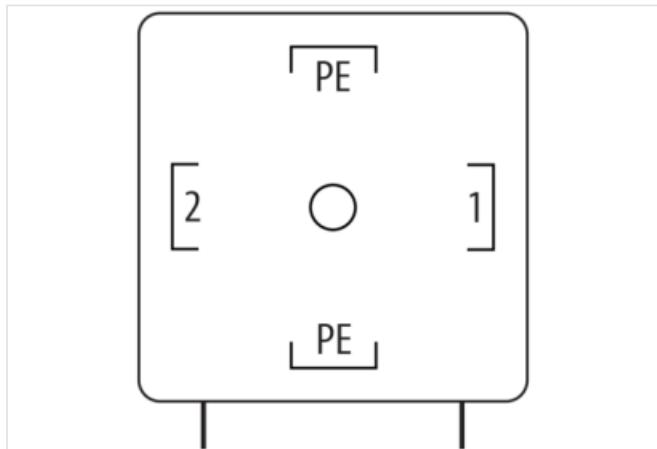
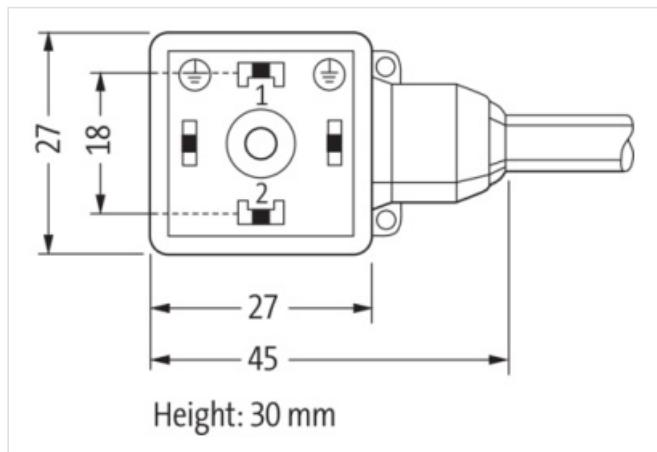
LED and suppression

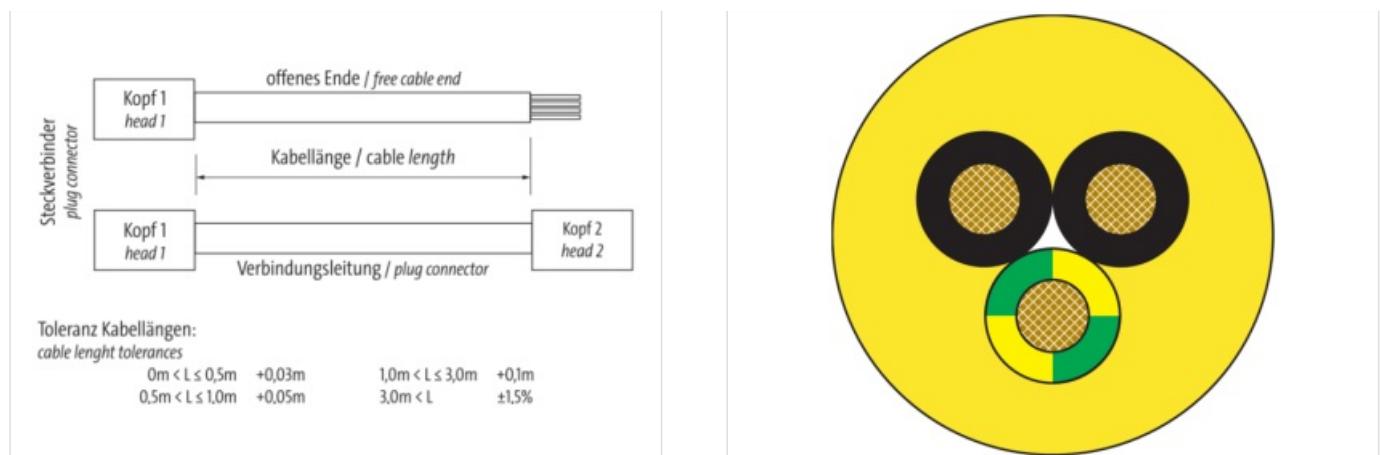
Bridged PE

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**

Cable length 5,00 m

Side 1

Family construction form	Valve connector form A
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/7000-18021-0160500
customs tariff number	85444290
EAN	4048879194563
Packaging unit	1

Electrical data

Drop-out delay time max. 20 ms

Electrical data | Supply

Operating voltage AC	24 V
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
Current operating per contact max.	4 A
Cut-off peak voltage max.	55 V

Current consumption max. 15 mA

Diagnostics

Status indication LED yellow

Installation | Connection

Mounting set M3x31

Device protection | Electrical

Additional condition protection degree	inserted, screwed
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Pollution Degree	3
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Additional suppressor	Diode, Z-Diode
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Rated surge voltage	0,8 kV
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Material group (IEC 60664-1)	I
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Mechanical data | Material data

Color housing	black
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Material screw connection	Steel
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Coating of fitting	galvanized
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Locking material	Steel
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Coating locking	galvanized
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Material gasket	PUR
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Mechanical data | Mounting data

Mounting method	inserted, screwed
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Environmental characteristics | Climatic

Operating temperature min.	-25 °C
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Operating temperature max.	85 °C
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Additional condition temperature range	depending on cable quality
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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	016
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Cable Type	1
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Stranding	1 x 3 wires stranded
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Cable weight	58 g/m
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Material wire insulation	PVC
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Amount wires	3
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Outer diameter insulation	1,8 mm
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Outer diameter tolerance core insulation	± 0,1 mm
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Shore hardness wire insulation	43 ± 5 Shore D
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Material properties wire insulation	good machinability
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Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
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Printing color of wire insulation	white (isolation black)
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Amount strands (wire)	24
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Diameter of single wires	0,2 mm
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Conductor crosssection (wire)	0,75 mm ²
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Material conductor wire	Stranded copper wire, bare
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Conductor type (wire)	Strand class 5
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Outer-diameter (jacket)	5,9 mm
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Tolerance outer diameter (sheath)	± 5 %
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Material jacket	PVC
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Shore hardness jacket	80 ± 5 Shore A
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Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
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Material property (jacket)	good machinability
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Conductor resistance (wire)	26 Ω/km @ 20 °C
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Max. rated voltage (conductor - ground)	300 V
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Max. rated voltage (conductor - conductor)	500 V
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Withstand voltage (wire - wire)	3 kV @ 60 s
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Withstand voltage (wire - jacket)	3 kV @ 60 s
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Current load capacity (standard)	to DIN VDE 0298-4
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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 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter