

MSUD valve plug A-18mm with cable

PUR 3x0.75 ye UL/CSA+drag ch. 5m

Art.No.: 7000-18041-0360500

Weight: 0.292 kg

Country of origin: CZ

Model designation: MSUDK-AB3Z-036_5.0

MSUD

Form A (18 mm)

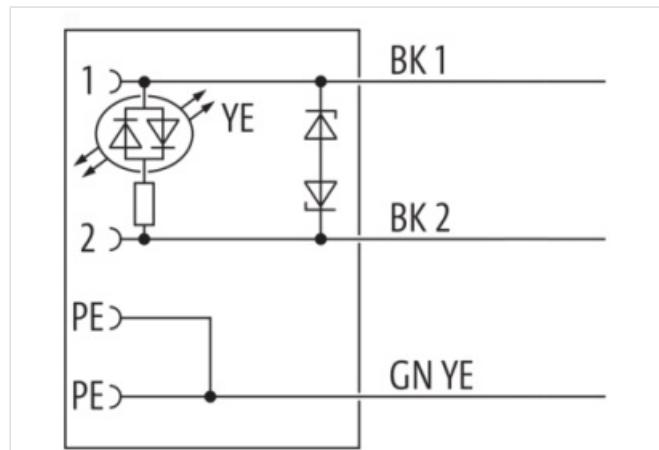
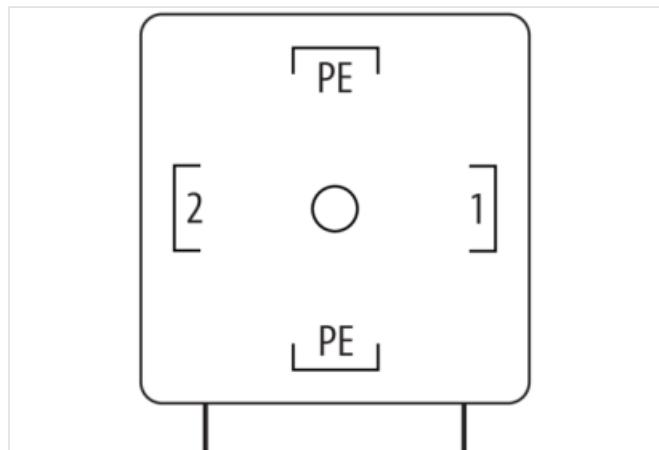
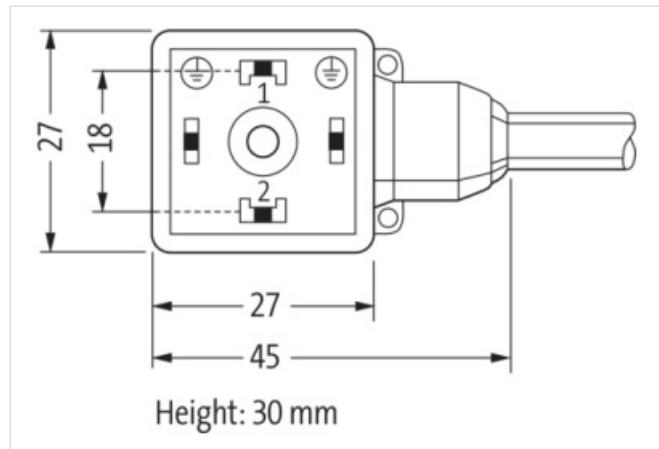
 110 V AC/DC $\pm 10\%$

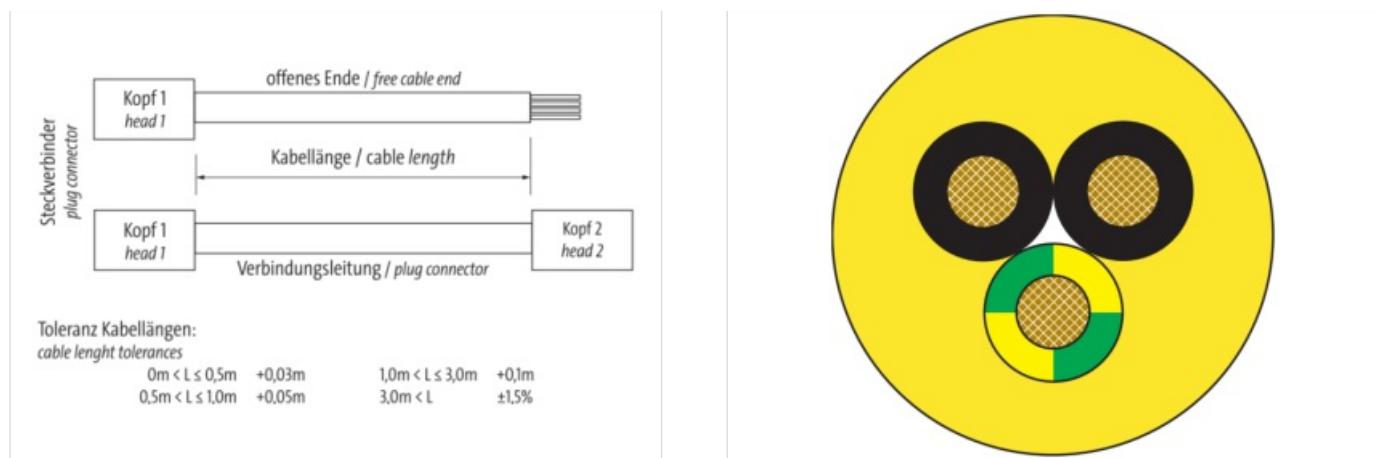
LED and suppression

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



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/7000-18041-0360500>
 customs tariff number 85444290
 EAN 4048879193221
 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. 250 V

Installation | Connection

Mounting set M3x31

Device protection | Electrical

Additional condition protection degree inserted, screwed
 Pollution Degree 3

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.
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	036
Cable Type	3
Stranding	1 x 3 wires stranded
Cable weight	51 g/m
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,85 mm
Outer diameter tolerance core insulation	± 0,1 mm
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Printing color of wire insulation	white (isolation black)
Amount strands (wire)	42
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,75 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material property (jacket)	abrasion-resistant, low adhesion, good machinability, matte
Conductor resistance (wire)	26 Ω/km @ 20 °C
Nominal voltage max.	300 V
Withstand voltage (wire - wire)	2.5 kV @ 60 s
Withstand voltage (wire - jacket)	2.5 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	12 A
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (drag chain)	-25 °C
Operating temperature max. (drag chain)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1090, CSA FT2, IEC 60332-2-2
Oil resistance	IEC 60811-404
Chemical resistance	good

Other resistances	good resistance to gasoline, resistant to hydrolysis, resistant to microbes
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Bending radius (fixed)	5 x Outer diameter
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Bending radius (dynamic)	10 x Outer diameter
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No. of bending cycles (C-track)	10 Mio. @ 25 °C
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Traversing distance (C-track)	10 m @ 25 °C horizontal
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Travel speed (C-track)	3 m/s @ 25 °C
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Acceleration (C-track)	10 m/s ² @ 25 °C
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No. of torsion cycles	2 Mio.
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Torsion stress	± 180 °/m
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Torsion speed	35 cycles/min
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