

**MSUD valve plug A-18mm with cable**

PVC 3x0.75 bk 5m

Art.No.: 7000-18001-6160500

Weight: 0.311 kg

Country of origin: CZ

Model designation: MSUDK-AB1L-616\_5.0

Form A (18 mm)

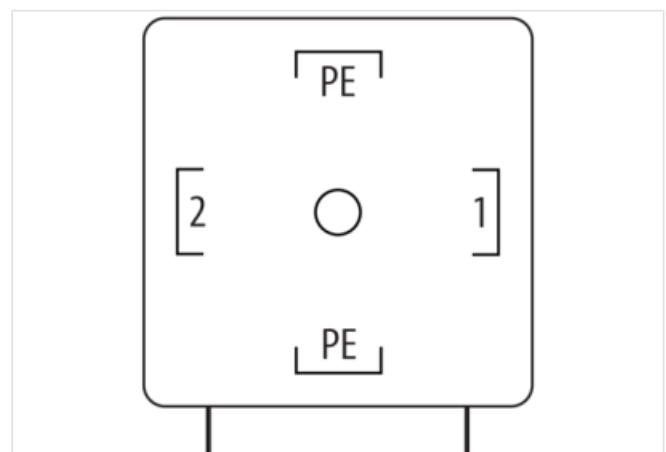
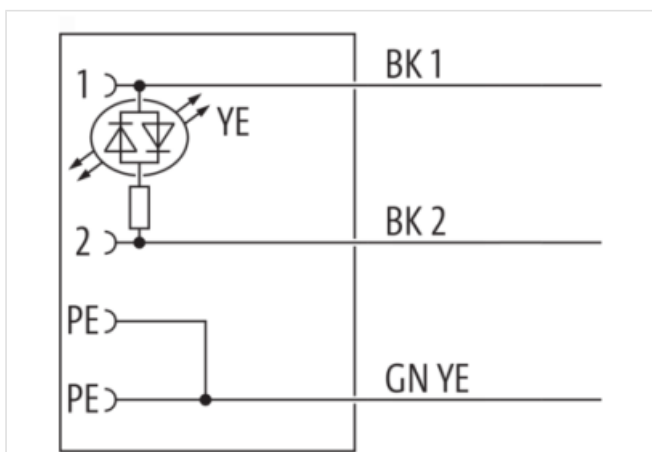
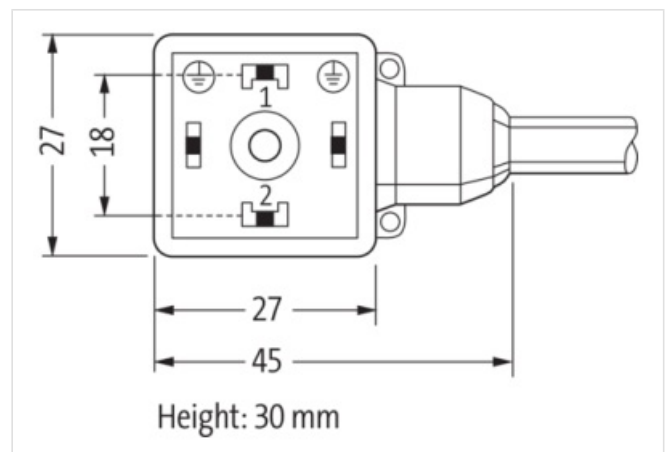
24 V AC/DC  $\pm 25\%$ 

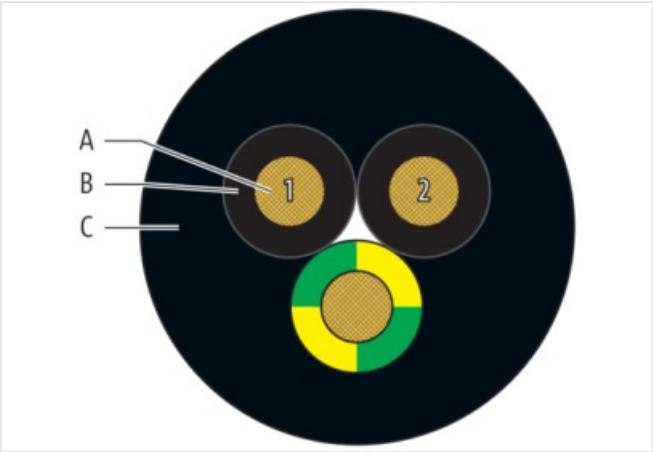
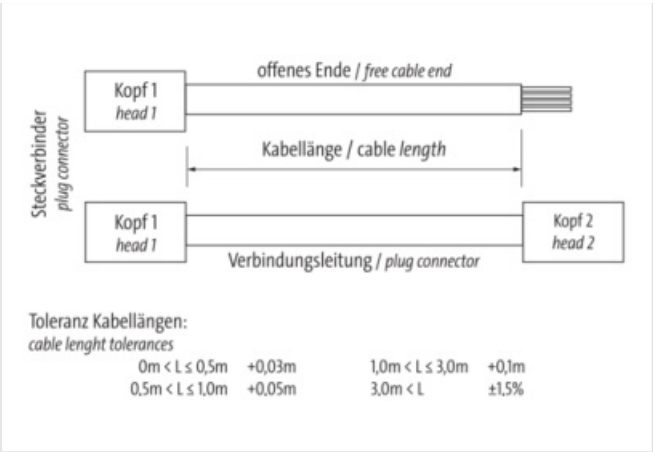
LED

Further cable lengths on request.

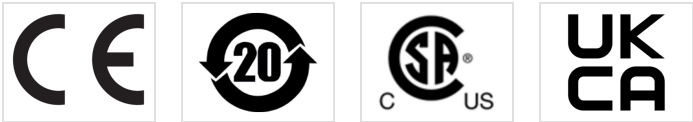
Plastic housings with good resistance against chemicals and oils.

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	<a href="https://shop.murrelektronik.com/7000-18001-6160500">https://shop.murrelektronik.com/7000-18001-6160500</a>
customs tariff number	85444290
EAN	4048879194792
Packaging unit	1
Electrical data   Supply	
Operating voltage AC	24 V
Operating voltage AC min.	18 V
Operating voltage AC max.	30 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

#### 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
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I

#### 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
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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	<b>Attention:</b> 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	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	CFC-free, cadmium-free, silicone-free, lead-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 mm²
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)	CFC-free, cadmium-free, silicone-free, lead-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
Min. operating temperature (static)	-30 °C
Max. operating temperature (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