

## MSUD valve plug A-18mm with cable

PUR 3x0.75 bk UL/CSA+drag ch. 10m

Art.No.: 7000-18001-6361000

Weight: 0.547 Country of origin: CZ

Model designation: MSUDK-AB1L-636 10.0

Form A (18 mm) 24 V AC/DC ±25%

LED

Further cable lengths on request.

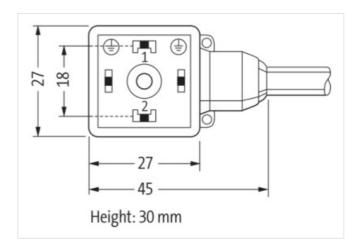
Plastic housings with good resistance against chemicals and oils.

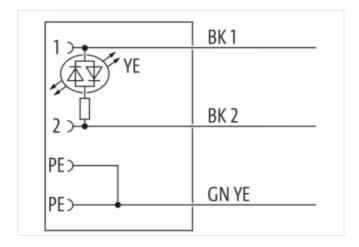
The resistance to aggressive media should be individually tested for your application. Further details on request.

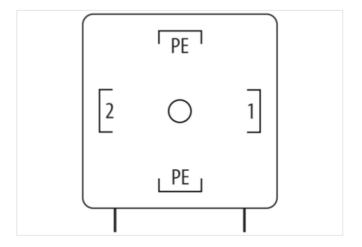
## **Link to Product**

## Illustration



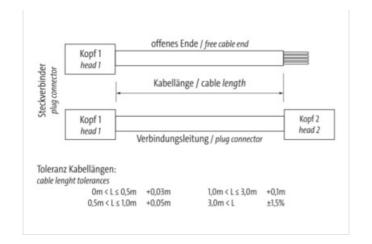


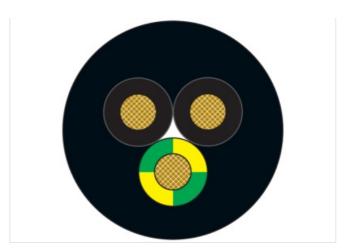






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Product may differ from Image











Header	
Cable length	10,00 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/7000-18001-6361000
URL Webshop customs tariff number	https://shop.murrelektronik.com/7000-18001-6361000 85444290
customs tariff number	85444290
customs tariff number EAN	85444290
customs tariff number  EAN  Packaging unit	85444290
customs tariff number  EAN  Packaging unit  Electrical data   Supply	85444290 4048879194624 1

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-12-02



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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
Installation   Connection	
Mounting set	M3x31
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	
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	<b>3</b>
	install assumed
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	<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.
· ·	Frotect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.
Installation   Cable	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.
	636
Installation   Cable	
Installation   Cable Cable identification	636
Installation   Cable Cable identification Cable Type	636
Installation   Cable Cable identification Cable Type Amount stranding	636 3 1
Installation   Cable Cable identification Cable Type Amount stranding Stranding	636 3 1 3 wires stranded
Installation   Cable Cable identification Cable Type Amount stranding Stranding Cable weigth	636 3 1 3 wires stranded 51 g/m
Installation   Cable Cable identification Cable Type Amount stranding Stranding Cable weigth Material wire insulation	636 3 1 3 wires stranded 51 g/m PP
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Installation   Cable Cable identification Cable Type Amount stranding Stranding Cable weigth Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation	636  3  1  3 wires stranded  51 g/m  PP  3  1,85 mm  ± 0,1 mm  70 ± 5 Shore D  CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Installation   Cable Cable identification Cable Type Amount stranding Stranding Cable weigth Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation	636 3 1 3 wires stranded 51 g/m PP 3 1,85 mm ± 0,1 mm 70 ± 5 Shore D  CFC-free, cadmium-free, silicone-free, halogen-free white (isolation black)
Installation   Cable Cable identification Cable Type Amount stranding Stranding Cable weigth Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire)	636  3  1  3 wires stranded  51 g/m  PP  3  1,85 mm  ± 0,1 mm  70 ± 5 Shore D  CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
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Freedom from ingredients (jacket)	CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Material property (jacket)	matte, good machinability, abrasion-resistant, low adhesion
Conductor resistance (wire)	26 Ω/km @ 20 °C
Nominal voltage AC 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 min. wire	12 A
Min. operating temperature (static)	-40 °C
Max. operating temperature (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
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Travel speed (C-track)	3 m/s @ 25 °C
Acceleration (C-track)	10 m/s² @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min