

## MSUD valve plug A-18mm with cable

PVC 3x0.75 gy 3m

Art.No.: 7000-18001-2160300

Weight: 0.203 Country of origin: CZ

Model designation: MSUDK-AB1L-216\_3.0

Form A (18 mm) 24 V AC/DC ±25%

LED

Further cable lengths on request.

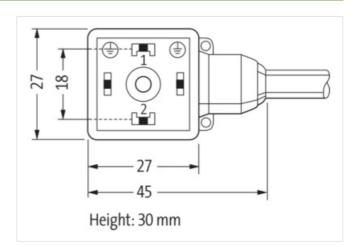
Plastic housings with good resistance against chemicals and oils.

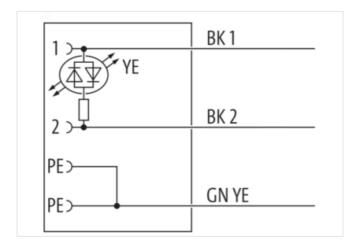
The resistance to aggressive media should be individually tested for your application. Further details on request.

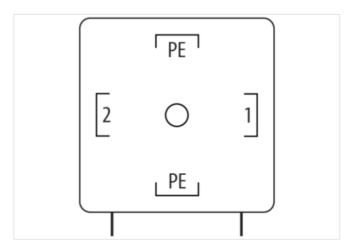
## **Link to Product**

## Illustration



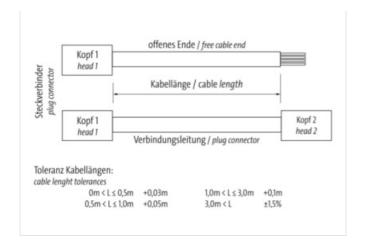




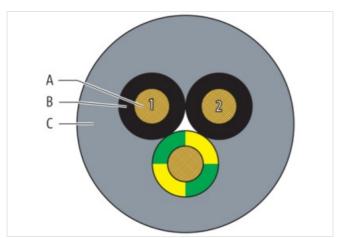




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Product may differ from Image









Header	
Cable length	3,00 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	
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-18001-2160300
	https://shop.murrelektronik.com/7000-18001-2160300 85444290
URL Webshop	
URL Webshop customs tariff number	85444290
URL Webshop customs tariff number EAN	85444290
URL Webshop customs tariff number EAN Packaging unit	85444290
URL Webshop customs tariff number  EAN Packaging unit  Electrical data   Supply	85444290 4048879195089 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: 2025-11-23



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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	
	blade
Color housing  Material serow connection	black
Material screw connection	Steel
Coating of fitting	galvanized
Locking material  Coating locking	Steel
	galvanized
Mechanical data   Mounting data	
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	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.
Note on strain relief	
Installation   Cable	
Installation   Cable	
Installation   Cable Cable identification	216
Installation   Cable Cable identification Cable Type	216 1
Installation   Cable Cable identification Cable Type Amount stranding	216 1 1
Installation   Cable Cable identification Cable Type Amount stranding Stranding	216 1 1 3 wires stranded
Installation   Cable Cable identification Cable Type Amount stranding Stranding Cable weigth	216 1 1 3 wires stranded 58 g/m
Installation   Cable Cable identification Cable Type Amount stranding Stranding Cable weigth Material wire insulation	216 1 1 3 wires stranded 58 g/m PVC
Installation   Cable Cable identification Cable Type Amount stranding Stranding Cable weigth Material wire insulation Amount wires	216 1 1 3 wires stranded 58 g/m PVC 3
Installation   Cable Cable identification Cable Type Amount stranding Stranding Cable weigth Material wire insulation Amount wires Outer diameter insulation	216 1 1 3 wires stranded 58 g/m PVC 3 1,8 mm
Installation   Cable Cable identification Cable Type Amount stranding Stranding Cable weigth Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	216  1 1 3 wires stranded 58 g/m PVC 3 1,8 mm ± 0,1 mm
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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	216 1 1 3 wires stranded 58 g/m PVC 3 1,8 mm ± 0,1 mm 43 ± 5 Shore D
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 Material properties wire insulation	216  1 1 3 wires stranded 58 g/m PVC 3 1,8 mm ± 0,1 mm 43 ± 5 Shore D good machinability
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 Material properties wire insulation Ingredient freeness wire insulation	216  1  1  3 wires stranded  58 g/m  PVC  3  1,8 mm  ± 0,1 mm  43 ± 5 Shore D  good machinability  CFC-free, cadmium-free, silicone-free, lead-free
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 Material properties wire insulation Ingredient freeness wire insulation Printing color of wire insulation	216  1  1  3 wires stranded  58 g/m  PVC  3  1,8 mm  ± 0,1 mm  43 ± 5 Shore D  good machinability  CFC-free, cadmium-free, silicone-free, lead-free white (isolation black)
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 Material properties wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire)	216  1 1 3 wires stranded 58 g/m PVC 3 1,8 mm ± 0,1 mm 43 ± 5 Shore D good machinability  CFC-free, cadmium-free, silicone-free, lead-free white (isolation black) 24
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 Material properties wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires	216  1 1 3 wires stranded 58 g/m PVC 3 1,8 mm ± 0,1 mm 43 ± 5 Shore D good machinability  CFC-free, cadmium-free, silicone-free, lead-free white (isolation black) 24 0,2 mm
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) Diameter of single wires Conductor crosssection (wire)	216  1 1 3 wires stranded 58 g/m PVC 3 1,8 mm ± 0,1 mm 43 ± 5 Shore D good machinability  CFC-free, cadmium-free, silicone-free, lead-free white (isolation black) 24 0,2 mm 0,75 mm²
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) Diameter of single wires Conductor crosssection (wire) Material conductor wire	216  1 1 3 wires stranded 58 g/m PVC 3 1,8 mm ± 0,1 mm 43 ± 5 Shore D good machinability  CFC-free, cadmium-free, silicone-free, lead-free white (isolation black) 24 0,2 mm 0,75 mm² Stranded copper wire, bare
Cable identification Cable Type Amount stranding Stranding Cable weigth Material wire insulation Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires Conductor type (wire)	216  1  1  3 wires stranded  58 g/m  PVC  3  1,8 mm  ± 0,1 mm  43 ± 5 Shore D  good machinability  CFC-free, cadmium-free, silicone-free, lead-free white (isolation black)  24  0,2 mm  0,75 mm²  Stranded copper wire, bare  Strand class 5



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 x Outer diameter