

MSUD valve plug A-18mm with cable

PVC 3x0.75 bk 3m

Art.No.: 7000-18001-6160300

Weight: 0.201 Country of origin: CZ

Model designation: MSUDK-AB1L-616 3.0

Form A (18 mm) 24 V AC/DC ±25%

LED

Further cable lengths on request.

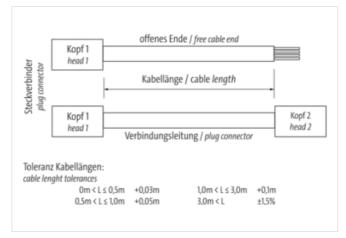
Plastic housings with good resistance against chemicals and oils.

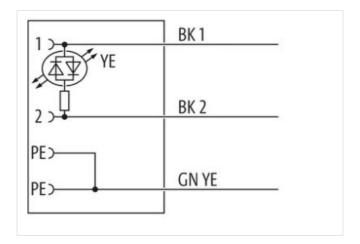
The resistance to aggressive media should be individually tested for your application. Further details on request.

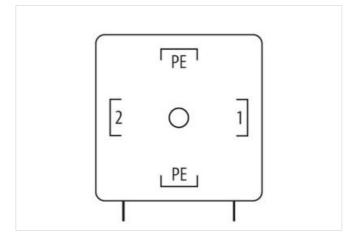
Link to Product

Illustration



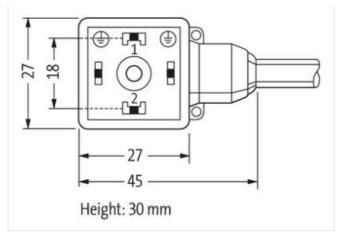








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Product may differ from Image









Cable length	3 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Family construction form	MSUD A
Thread	M3
Material	PBT
Degree of protection (EN IEC 60529)	IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ETIM-5.0	EC001855
customs tariff number	85444290
customs tariff number	85444290
EAN	4048879194808
EAN	4048879194808
Packaging unit	1
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	



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Status indication LED	yellow
Installation Connection	
Mounting set	M3
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
Coating locking	galvanized
Coating of fitting	galvanized
Locking material	Steel
Material screw connection	Steel
	Sieei
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 strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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.
Installation Cable	g,
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wire arrangement	black 1, black 2, green-yellow
Cable identification	616
Cable Type	1 white (instation block)
Printing color of wire insulation	white (isolation black)
Jacket Color Amount stranding	black 1
	3 wires twisted
Stranding	
wire arrangement	black 1, black 2, green-yellow
Cable weigth	61,6 g/m
Material jacket	PVC
Shore hardness jacket	80 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,9 mm ± 5 %
Tolerance outer diameter (sheath)	
Material wire insulation	PVC
Amount wires	3
Outer diameter insulation	1,8 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Ingredient freeness wire insulation Printing color of wire insulation	lead-free, cadmium-free, CFC-free, silicone-free white (isolation black)
Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire)	lead-free, cadmium-free, CFC-free, silicone-free white (isolation black) 24
Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires	lead-free, cadmium-free, CFC-free, silicone-free white (isolation black) 24 0,2 mm
Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire)	lead-free, cadmium-free, CFC-free, silicone-free white (isolation black) 24



Conductor type (wire)	Strand class 5
Max. rated voltage (conductor - conductor)	500 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	12 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	3 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	3 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	70 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter