MSUD valve plug A-18mm with cable

PVC 5x0.75 bk 5m

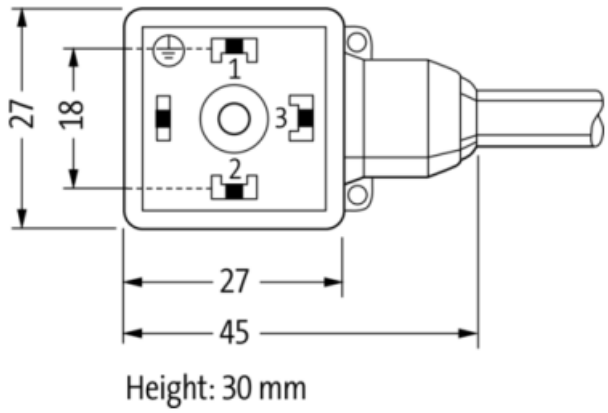
Art.No.: 7000-18121-6180500
Weight: 0,455 kg
Country of origin: CZ
Model designation: MSUEK-EB7B-618_5.0

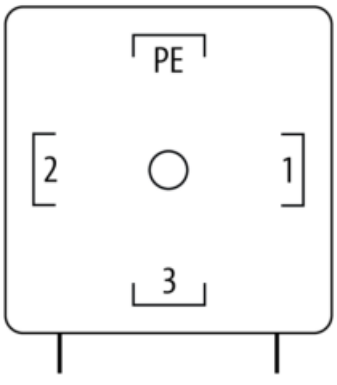
MSUD
Form A (18 mm)
24 V DC ±25%
LED (red/green)
for pressure switches
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

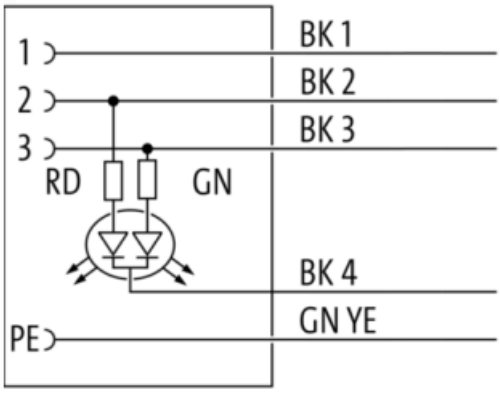
Link to Product

Illustration

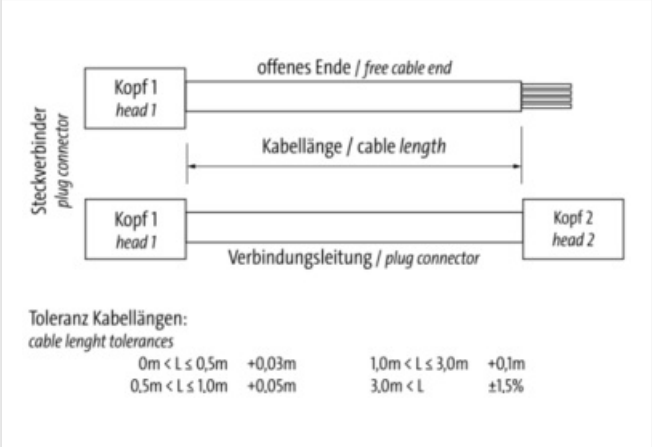


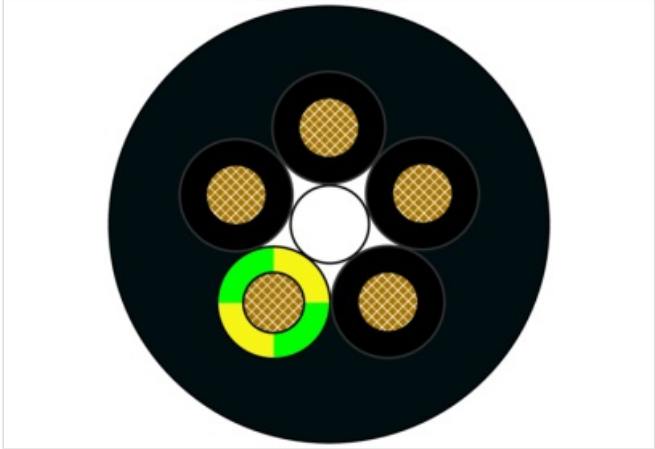






The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-10-13





Product may differ from Image

Cable length	5,00 m
Side 1-1	
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/7000-18121-6180500
EU-Customs tariff number	85444290
US-Customs tariff number	8544429090
ETIM-9.0	EC001855
ETIM-10.0	EC001855
customs tariff number	85444290
EAN	4048879190367
Packaging unit	1
Electrical data | Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Current operating per contact max.	4 A
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)	I
Mechanical data | Material data	
Color housing	black

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: 2026-10-13

Screw connection	Steel
Coating of fitting	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.
Installation | Cable-1	
Cable identification	618
Cable Type	1
Cable weigth	82.8 g/m
Stranding	1 × 5 wires around core filler twisted
Wire arrangement	BK 1, BK 2, BK 3, BK 4, GNYE
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	1.8 mm ± 0.1 mm
Conductor crosssection (wire)	0.75 mm²
Material conductor wire	Stranded copper wire, bare
Core construction (wire)	24 × 0.2 mm
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Material jacket	PVC
Outer-diameter (jacket)	7 mm ± 5 %
Jacket Color	black / RAL 9005
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-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 max. (wire)	9 A
Current load capacity (standard)	to DIN VDE 0298-4
Operating temperature (static)	-30 °C … 70 °C
Operating temperature (dynamic)	-5 °C … 70 °C
Oil resistance	good
Chemical resistance	good
Other resistances	good resistance to gasoline
Notes	application-related testing
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter

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: 2026-10-13