

MSUD valve plug A-18mm with cable

PVC 3x0.75 gy 5m

Art.No.: 7000-18021-2160500

Weight: 0.320 kg

Country of origin: CZ

Model designation: MSUDS-AB1Z-216_5.0

MSUD

Form A (18 mm)

24 V AC $\pm 20\%$ / DC $\pm 25\%$

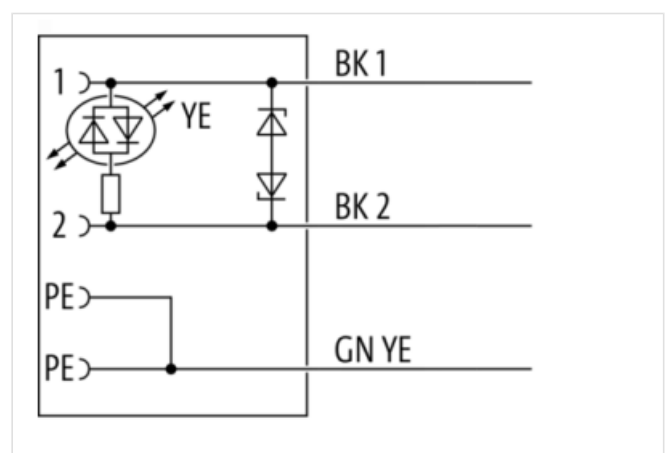
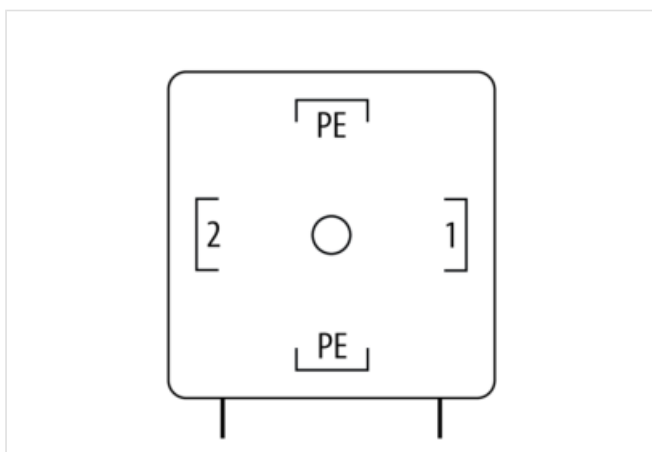
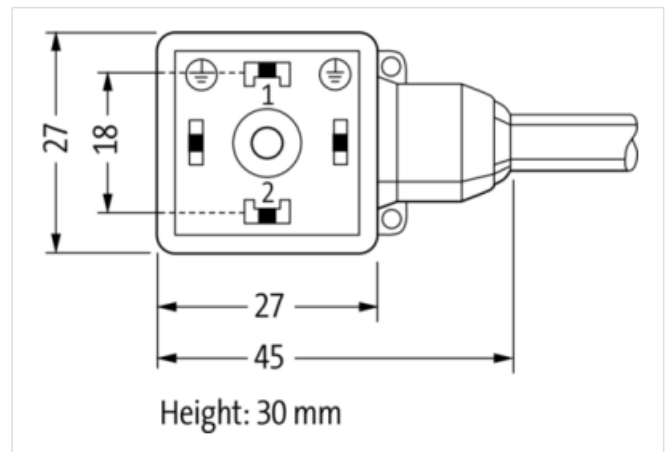
LED and suppression

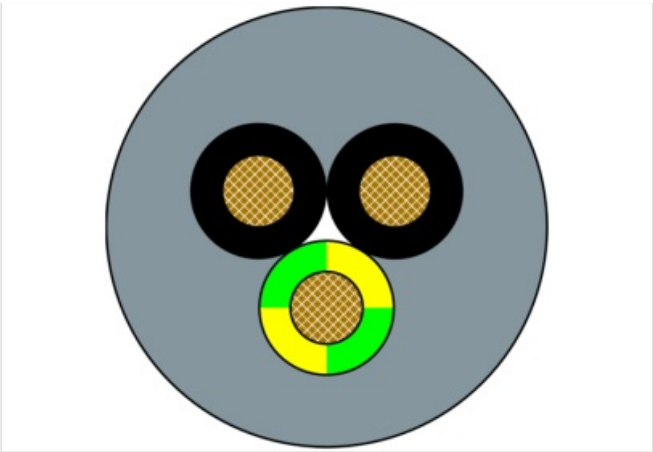
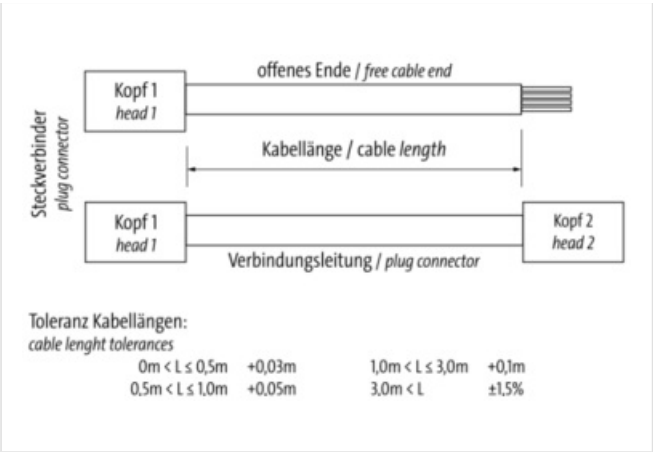
Bridged PE

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



Cable length	5,00 m
Side 1	
Family construction form	Valve connector form A
No. of poles	4
Gender	female
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/7000-18021-2160500
EU-Customs tariff number	85444290
US-Customs tariff number	8544429090
ETIM-9.0	EC001855
ETIM-10.0	EC001855
customs tariff number	85444290
EAN	4048879194297
Packaging unit	1
Electrical data	
Drop-out delay time max.	20 ms
Electrical data Supply	
Operating voltage AC	24 V
Operating voltage AC min.	19,2 V
Operating voltage AC max.	28,8 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
Cut-off peak voltage max.	55 V
Current consumption max.	15 mA
Diagnostics	

Status indication LED yellow

Installation | Connection

Mounting set M3x31

Device protection | Electrical

Additional condition protection degree inserted, screwed

Pollution Degree 3

Additional suppressor Diode, Z-diode

Rated surge voltage 0,8 kV

Material group (IEC 60664-1) I

Mechanical data | Material data

Color housing black

Screw connection Steel

Coating of fitting galvanized

Locking material Steel

Coating locking galvanized

Gasket PUR

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

Cable identification 216

Cable Type 1

Cable weight 58 g/m

Stranding 1 × 3 wires stranded

Wire arrangement BK 1, BK 2, GNYE

Material wire insulation PVC

Amount wires 3

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) 5.9 mm ± 5 %

Jacket Color gray / RAL 7040

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) 12 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