

MSUD valve plug BI-11mm with cable

PVC 3x0.75 gy 10m

Art.No.: 7000-11021-2161000

Weight: 0.584 kg

Country of origin: CZ

Model designation: MSUDS-IB1Z-216_10.0

MSUD

Form BI (11 mm)

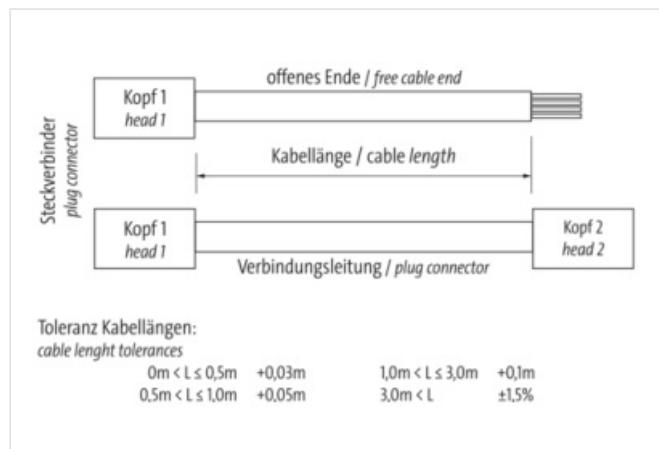
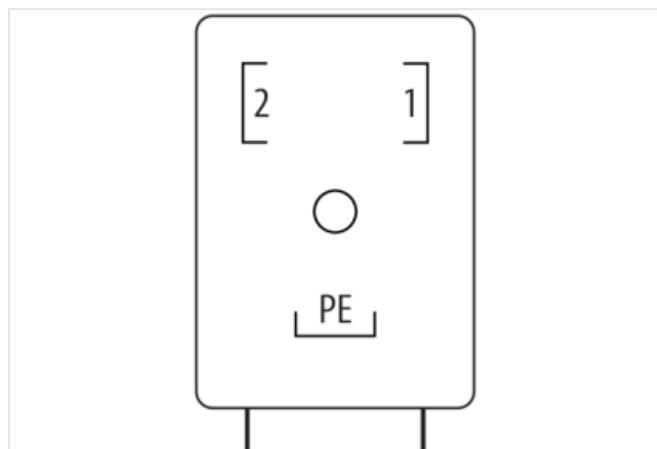
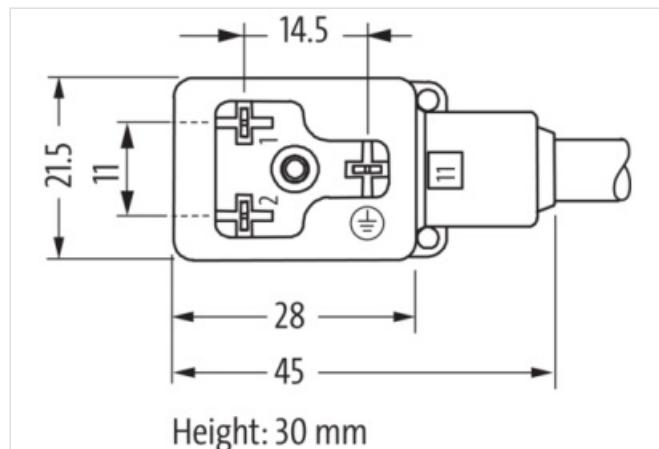
 24 V AC $\pm 20\%$ / DC $\pm 25\%$

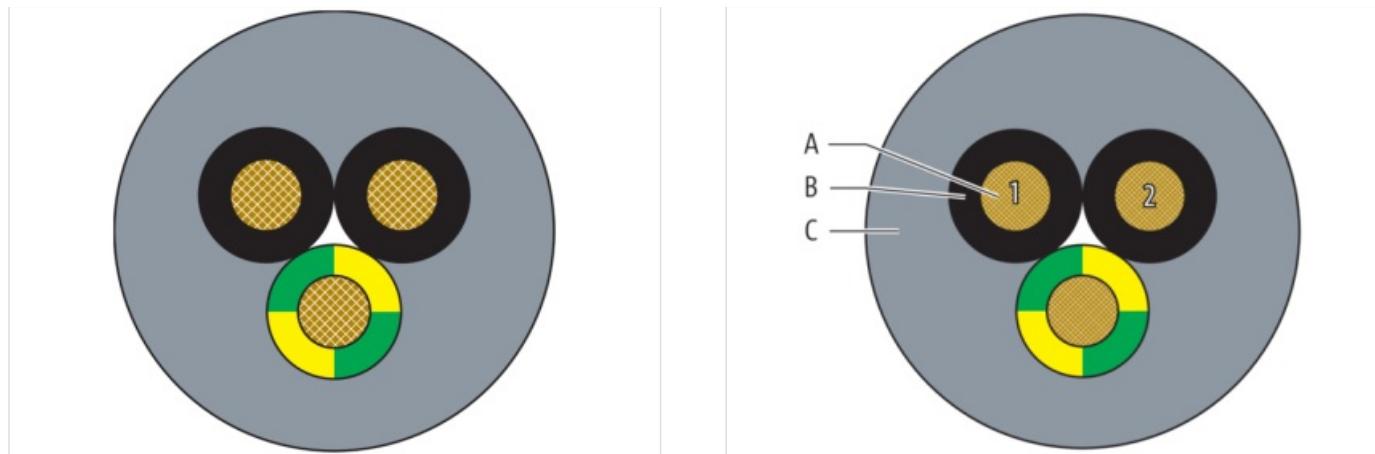
LED and suppression

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



Header

Material short text MSUDS-IB1Z-216_10.0

Cable length 10,00 m

Side 1

Family construction form Valve connector form BI

No. of poles 3

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/7000-11021-2161000>

GTIN 4048879221832

ECLASS-6.0 27279218

ECLASS-6.1 27279218

ECLASS-7.0 27279218

ECLASS-7.1 27279218

ECLASS-8.0 27279218

ECLASS-8.1 27279218

ECLASS-9.0 27060312

ECLASS-9.1 27060312

ECLASS-10.0.1 27060312

ECLASS-10.1 27060312

ECLASS-11.0 27060312

ECLASS-11.1 27060312

ECLASS-12.0 27060312

ECLASS-13.0 27060312

ECLASS-14.0 27060312

ETIM-5.0 EC001855

ETIM-6.0 EC001855

ETIM-7.0 EC001855

| | |
|-----------------------|---------------|
| ETIM-8.0 | EC001855 |
| customs tariff number | 85444290 |
| EAN | 4048879221832 |
| Packaging unit | 1 |

Electrical data

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|--------------------------|-------|
| 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

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|-----------------------|--------|
| Status indication LED | yellow |
|-----------------------|--------|

Installation | Connection

| | |
|--------------|-------|
| Mounting set | M3x31 |
|--------------|-------|

Device protection | Electrical

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|--|-------------------|
| 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 |
| Material screw connection | Steel |
| Coating of fitting | galvanized |
| Locking material | Steel |
| Coating locking | galvanized |
| Material 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

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|------------------------|---|
| 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

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|--------------------------|----------------------|
| Cable identification | 216 |
| Cable Type | 1 |
| Amount stranding | 1 |
| Stranding | 1 x 3 wires stranded |
| Cable weight | 58 g/m |
| Material wire insulation | PVC |
| Amount wires | 3 |

| | |
|--|--|
| Outer diameter insulation | 1,8 mm |
| Outer diameter tolerance core insulation | ± 0,1 mm |
| 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 |
| Printing color of wire insulation | white (isolation black) |
| Amount strands (wire) | 24 |
| Diameter of single wires | 0,2 mm |
| Conductor crosssection (wire) | 0,75 mm ² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | Strand class 5 |
| Outer-diameter (jacket) | 5,9 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material jacket | PVC |
| Shore hardness jacket | 80 5 Shore A |
| 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 (standard) | to DIN VDE 0298-4 |
| Current load capacity max. (wire) | 12 A |
| Operating temperature min. (static) | -30 °C |
| Operating temperature max. (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 × Outer diameter |