

MSUD valve plug BI-11mm 180° with cable

PVC 3x0.75 gy 10m

Art.No.: 7000-11081-2161000

Weight: 0.590 kg

Country of origin: CZ

Model designation: MSUDK-KB1Z-216_10.0

MSUD

Form BI (11 mm)

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

LED and suppression

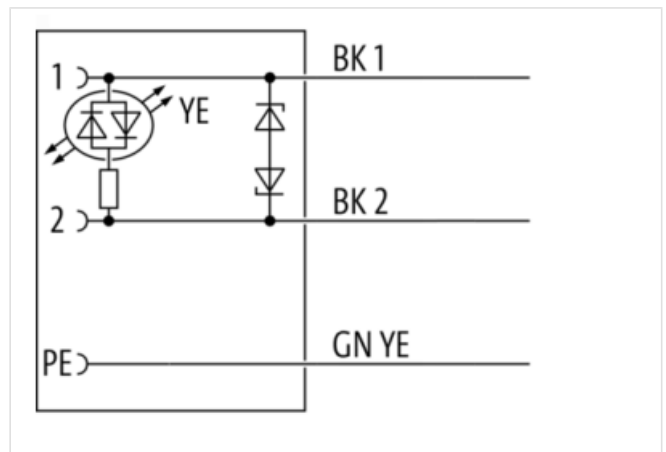
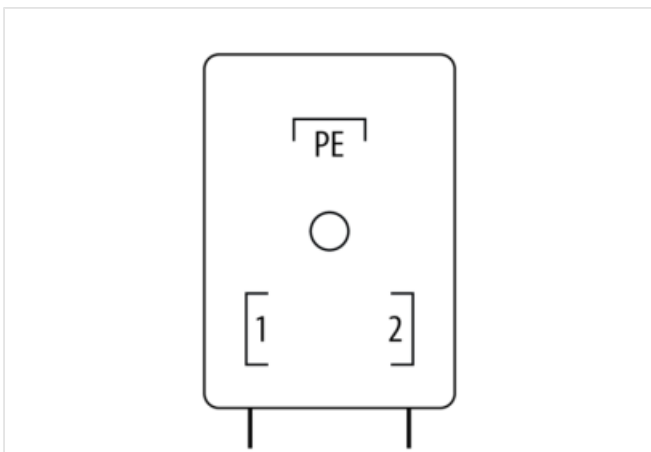
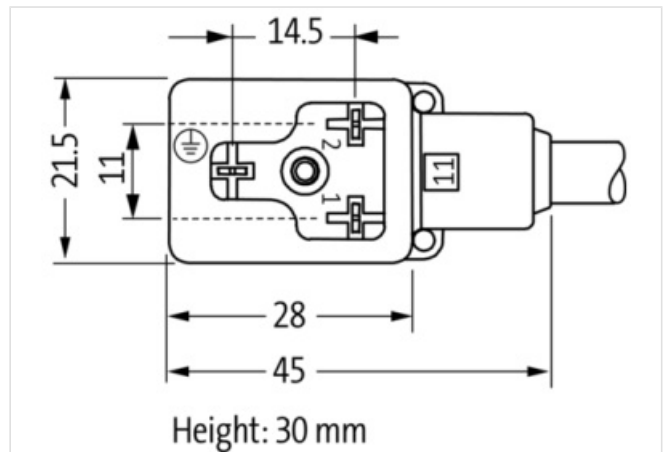
PE opposite cable entry (180°)

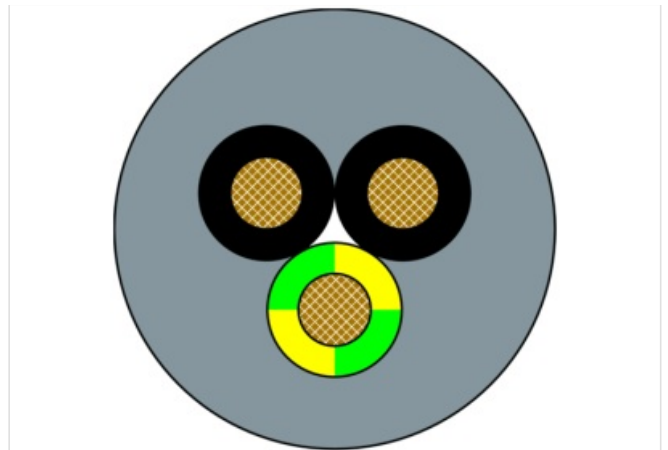
Attention: Contact carrier turned to 180°!

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 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/7000-11081-2161000 |
| GTIN | 4048879220323 |
| Customs tariff number | 85444290 |
| 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 | 4048879220323 |
| 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 mm ² |
| 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 |