**MURR ELEKTRONIK**

*stay connected*

## MSUD valve plug BI-11mm with cable

PVC 3x0.75 gy 3m

  Art.No.: 7000-11061-2160300
  Weight: 0.199 kg
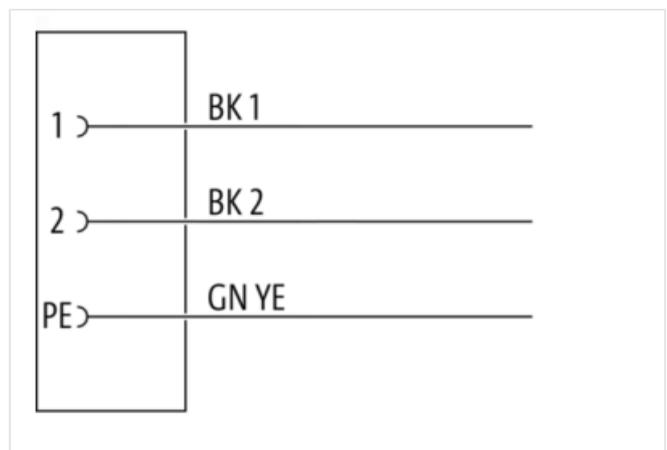  Country of origin: CZ
  Model designation: MSUDK-IB5K-216_3.0

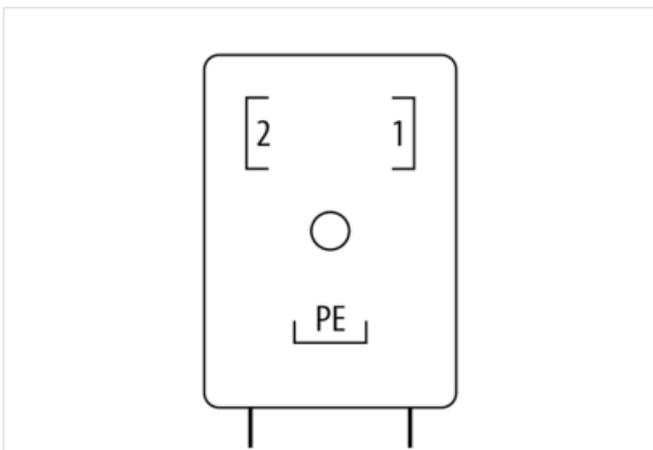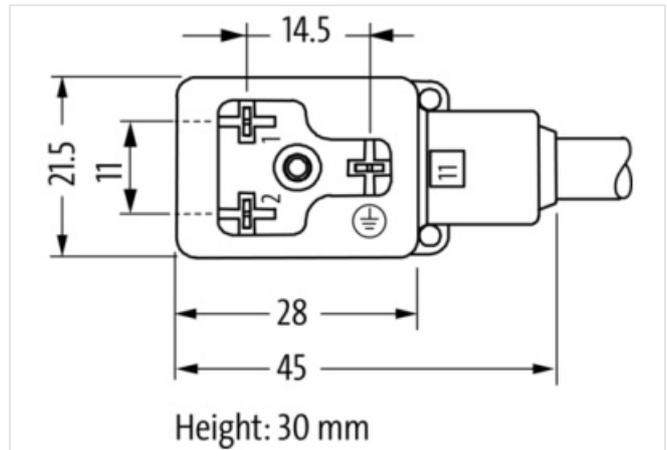MSUD
Form BI (11 mm)
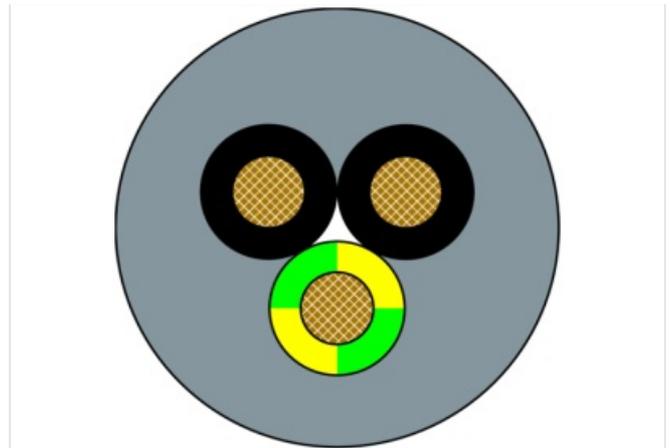0...230 V AC/DC
without components
PE at cable entry (0°)
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

**Link to Product**

| Illustration |
| --- |





Height: 30 mm

Product may differ from Image

| Cable length | 3,00 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/7000-11061-2160300 |
| GTIN | 4048879220828 |
| 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 |

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: 2026-04-14

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| EAN | 4048879220828 |
|---|---|
| Packaging unit | 1 |

| **Electrical data \| Supply** | |
|---|---|
| Operating voltage AC max. | 250 V |
| Operating voltage DC max. | 250 V |
| Current operating per contact max. | 10 A |

| **Installation \| Connection** | |
|---|---|
| Mounting set | M3x31 |

| **Device protection \| Electrical** | |
|---|---|
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 4 kV |

| **Mechanical data \| Material data** | |
|---|---|
| housing | Plastic |
| Color housing | black |
| Material 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** | |
|---|---|
| Cable identification | 216 |
| Cable Type | 1 |
| Stranding | 1 × 3 wires stranded |
| Wire arrangement | black 1, black 2, green-yellow |
| Cable weigth | 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 mm² |
| 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 |