

**MSUD valve plug BI-11mm with cable**

PVC 3x0.75 gy 3m

Art.No.: 7000-11071-2160300

Weight: 0.199 kg

Country of origin: CZ

Model designation: MSUDK-KB5K-216\_3.0

MSUD

Form BI (11 mm)

0...230 V AC/DC

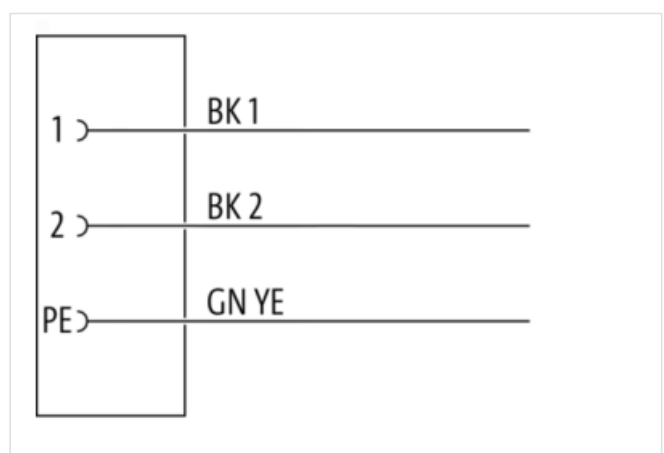
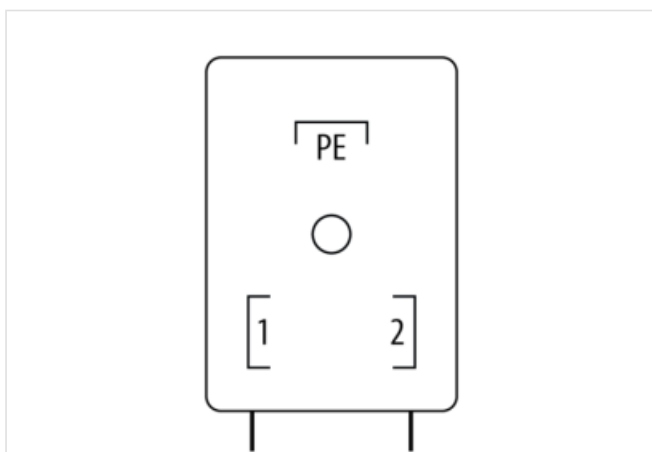
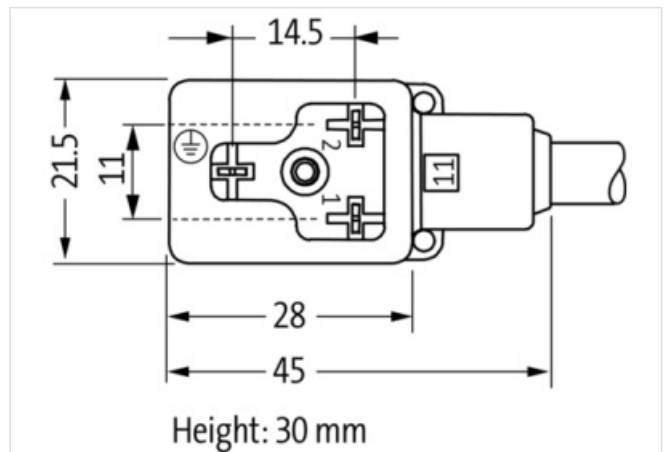
without components

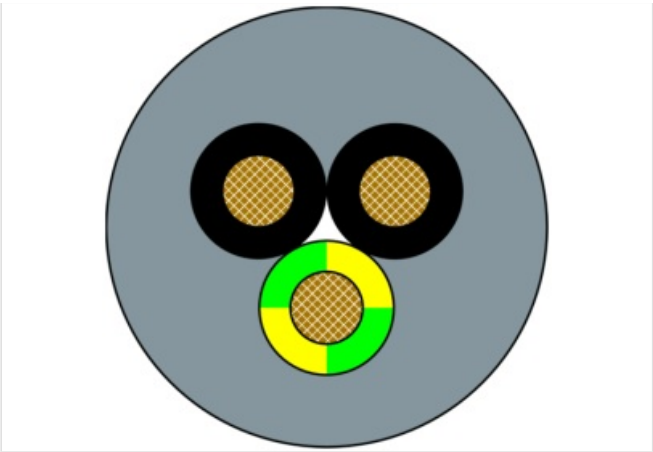
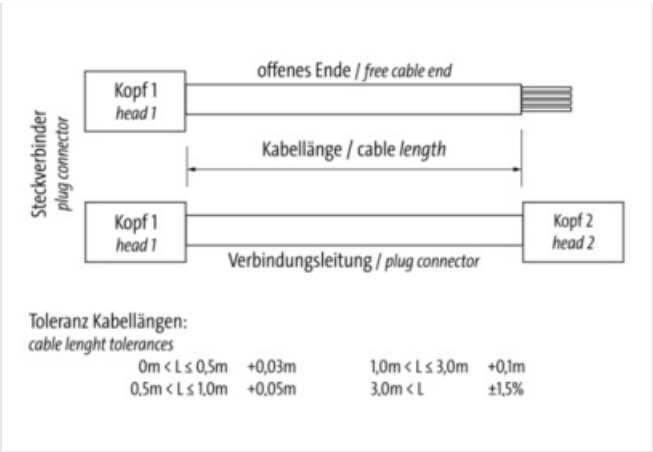
PE opposite cable entry (180°)

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                        | 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                         | <a href="https://shop.murrelektronik.com/7000-11071-2160300">https://shop.murrelektronik.com/7000-11071-2160300</a> |
| GTIN                                | 4048879434669                                                                                                       |
| EU-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                                             | 4048879434669                                                                                                                                         |
| Packaging unit                                  | 1                                                                                                                                                     |
| <b>Electrical data   Supply</b>                 |                                                                                                                                                       |
| Operating voltage AC max.                       | 230 V                                                                                                                                                 |
| Operating voltage DC max.                       | 230 V                                                                                                                                                 |
| Current operating per contact max.              | 10 A                                                                                                                                                  |
| <b>Installation   Connection</b>                |                                                                                                                                                       |
| Mounting set                                    | M3x31                                                                                                                                                 |
| <b>Device protection   Electrical</b>           |                                                                                                                                                       |
| Additional condition protection degree          | inserted, screwed                                                                                                                                     |
| Rated surge voltage                             | 4 kV                                                                                                                                                  |
| <b>Mechanical data   Material data</b>          |                                                                                                                                                       |
| housing                                         | Plastic                                                                                                                                               |
| Color housing                                   | black                                                                                                                                                 |
| Screw connection                                | Steel                                                                                                                                                 |
| Coating of fitting                              | galvanized                                                                                                                                            |
| <b>Mechanical data   Mounting data</b>          |                                                                                                                                                       |
| Mounting method                                 | inserted, screwed                                                                                                                                     |
| <b>Environmental characteristics   Climatic</b> |                                                                                                                                                       |
| Operating temperature min.                      | -25 °C                                                                                                                                                |
| Operating temperature max.                      | 85 °C                                                                                                                                                 |
| Additional condition temperature range          | depending on cable quality                                                                                                                            |
| <b>Important installation notes</b>             |                                                                                                                                                       |
| Note on bending radius                          | <b>Attention:</b> 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.                                                   |
| <b>Installation   Cable</b>                     |                                                                                                                                                       |
| 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 <sup>2</sup>                                                                                                                                  |
| 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         |