**MSUD valve plug A-18mm with cable**

PVC 4x0.75 bk 10m

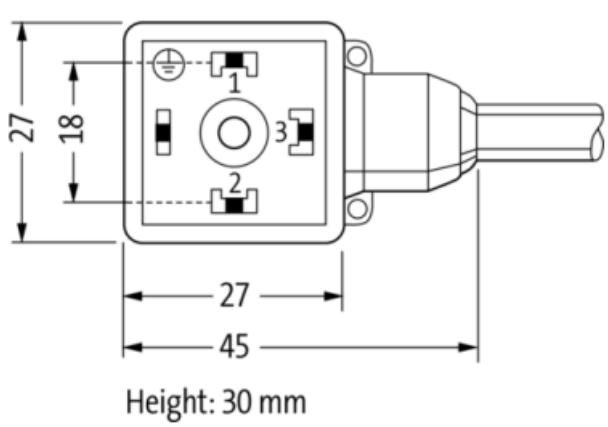
Art.No.: 7000-18111-6171000
Weight: 0,779 kg
Country of origin: CZ
Model designation: MSUDK-EB5K-617_10.0

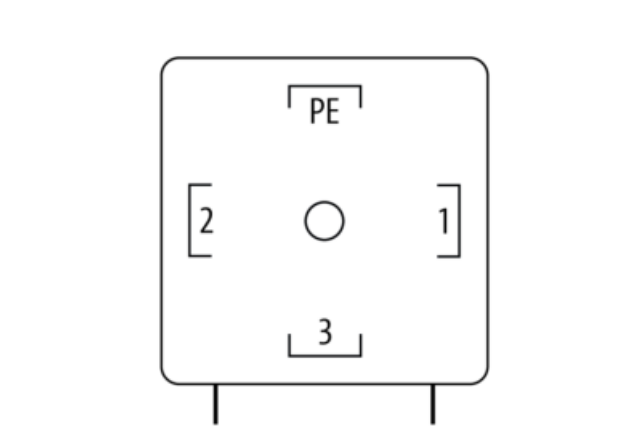
MSUD
Form A (18 mm)
0...230 V AC/DC
without components
PE opposite cable entry (0°)
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

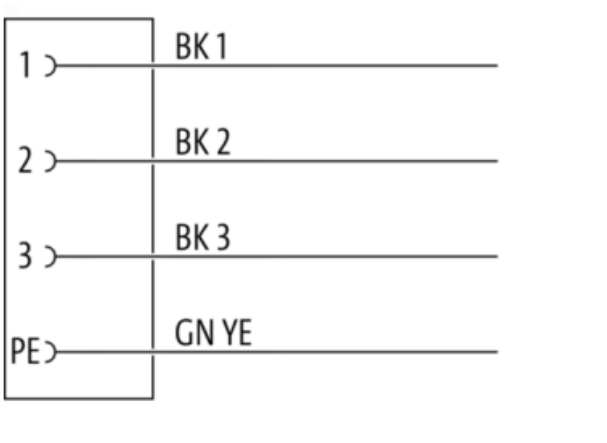
## Link to Product

**Illustration**

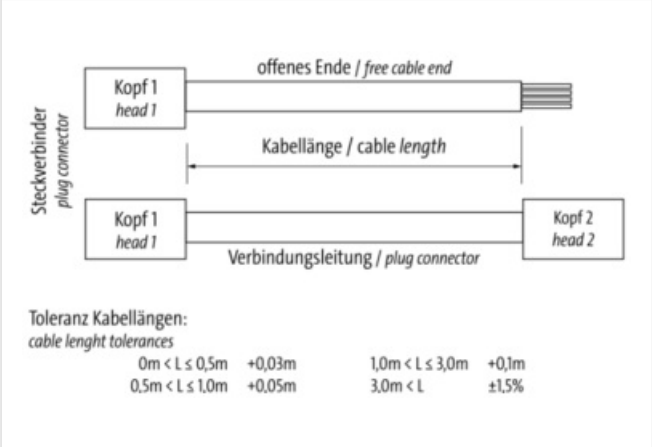





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Product may differ from Image

| | |
|---|---|
| Cable length | 10,00 m |
| **Side 1-1** | |
| Family construction form | Valve connector form A |
| Mounting method | inserted, screwed |
| Threaded hole | M3x31 |
| Tightening torque | 0.4 Nm |
| Material | PBT |
| Degree of protection (EN IEC 60529) | IP67, IP66K |
| **Commercial data** | |
| URL Webshop | https://shop.murrelektronik.com/7000-18111-6171000 |
| EU-Customs tariff number | 85444290 |
| US-Customs tariff number | 8544429090 |
| ETIM-9.0 | EC001855 |
| ETIM-10.0 | EC001855 |
| customs tariff number | 85444290 |
| EAN | 4048879191067 |
| Packaging unit | 1 |
| **Electrical data \| Supply** | |
| Operating voltage AC max. | 230 V |
| Operating voltage DC max. | 230 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 |
| **Mechanical data \| Material data** | |
| housing | Plastic |
| Color housing | black |
| Screw connection | Steel |
| Coating of fitting | galvanized |

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| | |
|---|---|
| **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. |
| **Conformity** | |
| Product standard | EN 175301-803 (valve plug) |
| **Installation \| Cable-1** | |
| Cable identification | 617 |
| Cable Type | 1 |
| Cable weigth | 70.6 g/m |
| Stranding | 1 × 4 wires stranded |
| Wire arrangement | BK 1, BK 2, BK 3, GNYE |
| Material wire insulation | PVC |
| Amount wires | 4 |
| 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) | 6.5 mm ± 5 % |
| Jacket Color | black / RAL 9005 |
| 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) | 9.6 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 |

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