**MSUD valve plug C-8mm with cable**

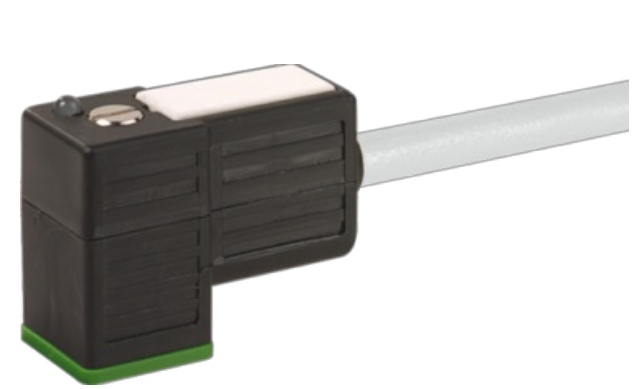
PVC 3x0.75 gy 3m

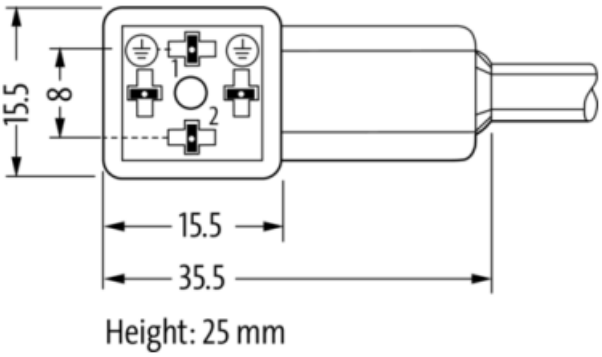
Art.No.: 7000-80021-2160300
Weight: 0,182 kg
Country of origin: CZ
Model designation: MSUDS-CB1Z-216_3.0

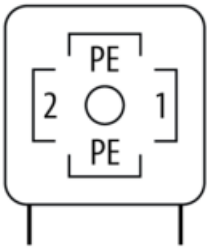
MSUD
Form C (8 mm)
24 V AC ±20% / DC ±25%
LED and suppression
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

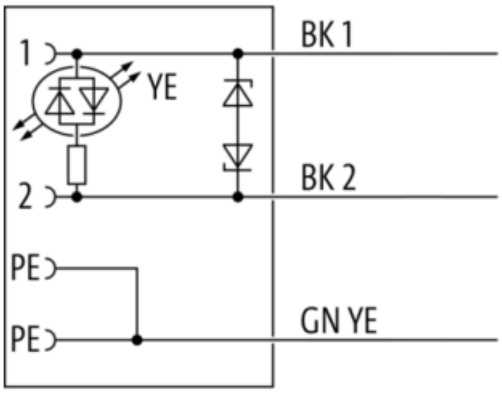
## Link to Product

**Illustration**

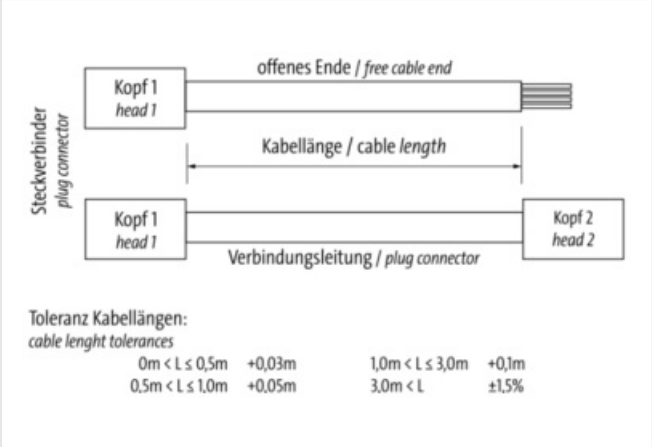


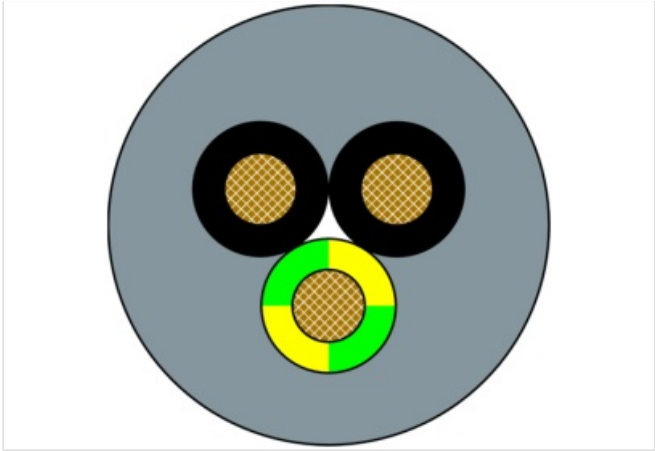



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Product may differ from Image

| | |
|---|---|
| Cable length | 3,00 m |
| **Side 1-1** | |
| Family construction form | Valve connector form C |
| No. of poles | 4 |
| Gender | male |
| Mounting method | pluggable, screwed |
| Threaded hole | M2.5 |
| Tightening torque | 0.4 Nm |
| Material | PBT |
| Degree of protection (EN IEC 60529) | IP67 |
| **Commercial data** | |
| URL Webshop | https://shop.murrelektronik.com/7000-80021-2160300 |
| GTIN | 4048879133890 |
| EU-Customs tariff number | 85444290 |
| US-Customs tariff number | 8544429090 |
| 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 |

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| | |
|---|---|
| ETIM-7.0 | EC001855 |
| ETIM-8.0 | EC001855 |
| ETIM-9.0 | EC001855 |
| ETIM-10.0 | EC001855 |
| customs tariff number | 85444290 |
| EAN | 4048879133890 |
| 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 |
| **Device protection \| Electrical** | |
| Degree of protection (EN IEC 60529) | IP67 |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Additional suppressor | LED, Z-diode |
| Rated surge voltage | 0.8 kV |
| Material group (IEC 60664-1) | I |
| **Mechanical data \| Material data** | |
| housing | Plastic |
| Color housing | black |
| **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-1** | |
| Cable identification | 216 |
| Cable Type | 1 |
| Cable weigth | 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 mm² |
| Material conductor wire | Stranded copper wire, bare |
| Core construction (wire) | 24 × 0.2 mm |
| Material properties wire insulation | good machinability |

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

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