

## **MSUD FORM C 8MM**

PVC 3X0.75 black 7.5m

MSUD

Form C (8 mm)

0...230 V AC/DC

without components

4-pole

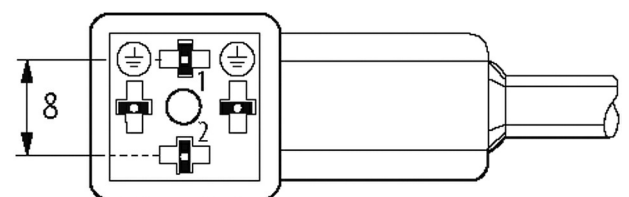
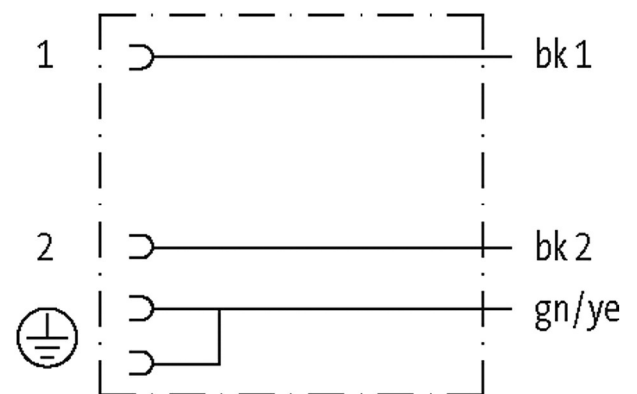
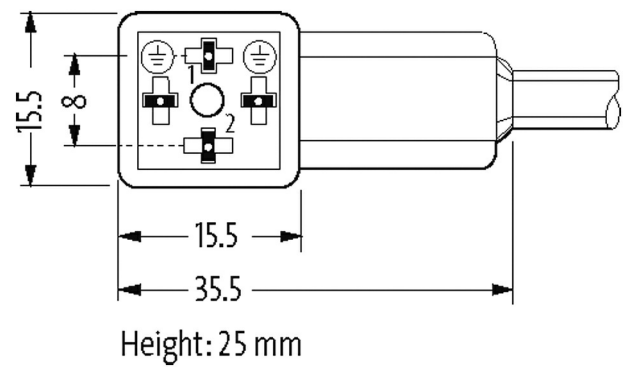
Further cable lengths on request.

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

**Approvals**

cCSAus

\* only for products with UL/CSA approved cable

**Form**

Form

80061

**General data**

Mounting method

inserted, tightened

|                            |  |
|----------------------------|--|
| Material (contact)         | Copper alloy                             |
| Material (contact surface) | Ag                                       |
| Pollution Degree           | 3  |
| Stripping length (jacket)  | 50 mm                                    |
| Temperature range          | -25...+85 °C, depending on cable quality |

#### Cables

|                                    |  |
|------------------------------------|--|
| No./diameter of wires              | 3 × 0.75 mm <sup>2</sup>                       |
| Wire isolation                     | PVC (bk num, gnye)                             |
| Material (jacket)                  | PVC  |
| Outer Ø                            | 5.9 mm ±5%                                     |
| Bend radius (moving)               | 10 × outer Ø                                   |
| Temperature range (fixed)          | -30...+70 °C                                   |
| Temperature range (mobile)         | -5...+70 °C                                    |
| Cable identification               | 616  |
| Cable Type                         | 1 (PVC)  |
| Approval (cable)                   | CE conform                                     |
| Cable weight [g/m]                 | 61,60  |
| Material (wire)                    | Cu wire, bare                                  |
| Resistor (core)                    | max. 26 Ω/km (20 °C)                           |
| Single wire Ø (core)               | 0.2 mm   |
| Construction (core)                | 24 × 0.2 mm (multi-strand wire class 5)        |
| Diameter (core)                    | 3 × 0.75 mm <sup>2</sup>                       |
| AWG                                | similar to AWG 18                              |
| Material (wire isolation)          | PVC  |
| Material property (wire isolation) | CFC-, cadmium-, silicone- and lead-free        |
| Shore hardness (wire isolation)    | 43 ±5 D  |
| Wire-Ø incl. isolation             | 1.8 mm ±5%                                     |
| Color/numbering of wires           | bk numbered, gnye longitudinally striped       |
| Stranding combination              | 3 wires twisted                                |
| Shield                             | no   |
| Material (jacket)                  | PVC  |
| Material property (jacket)         | CFC-, cadmium-, silicone- and lead-free        |
| Shore hardness (jacket)            | 80 ±5 A  |
| Outer-Ø (jacket)                   | 5.9 mm ±5%                                     |
| Color (jacket)                     | black  |
| chemical resistance                | good resistance to oil, gasoline and chemicals |
| Nominal voltage                    | 300/500 V AC                                   |
| Test voltage                       | 3000 V AC                                      |
| Current load capacity              | to DIN VDE 0298-4                              |
| Temperature range (fixed)          | -30...+70 °C                                   |
| Temperature range (mobile)         | -5...+70 °C                                    |
| Bend radius (fixed)                | 5 × outer Ø                                    |
| Bend radius (moving)               | 10 × outer Ø                                   |
| Jacket Color                       | black  |

#### Technical Data

|                               |                  |
|-------------------------------|------------------|
| Operating voltage             | max. 230 V AC/DC |
| Rated surge voltage           | 4.0 kV           |
| Operating current per contact | max. 6 A         |

|                  |  |
|------------------|--|
| No. of poles     | 4                                      |
| Material group   | IEC 60664-1, category I                |
| LED display      | no                                     |
| Locking of ports | M2.5 (recommended torque 0.4 Nm)       |
| Protection       | IP67 inserted and tightened (EN 60529) |
| Material         | PBT                                    |
| Housing          | Black plastic (gray on request)        |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | CZ            |
| customs tariff number | 85444290      |
| EAN                   | 4048879132459 |
| eClass                | 27279218      |
| Packaging unit        | 1             |