

### **Valve plug MDC06-4s with cable**

PUR 4x0.75 bk UL/CSA+drag chain 6m

Xtreme - Outdoor

Further cable lengths on request.

Male straight

6...230 V AC/DC

4-pole

without components

Compatible with:

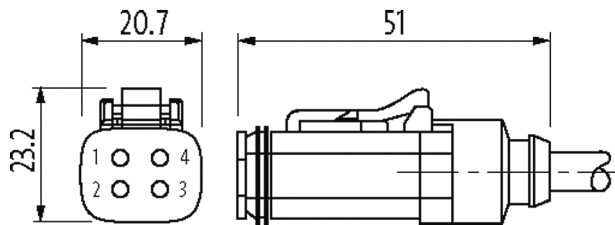
Deutsch DT06-4S

Plastic housings with good resistance against chemicals and oils.

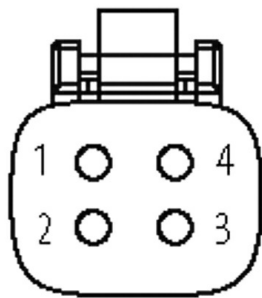
The resistance to aggressive media should be individually tested for your application. Further details on request.

### **[Link to Product](#)**

#### **Illustration**



Male  
female contacts



Product may differ from Image

| Form                       |                                          |
|----------------------------|------------------------------------------|
| Form                       | 72161                                    |
| General data               |                                          |
| Mounting method            | inserted                                 |
| Material (contact)         | Copper alloy                             |
| Material (contact surface) | Ni                                       |
| Material (gasket)          | Silicon                                  |
| Pollution Degree           | 3                                        |
| Stripping length (jacket)  | 20 mm                                    |
| Temperature range          | -25...+85 °C, depending on cable quality |

| Cables                             |                                                                                                                                                        |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cable number                       | 569                                                                                                                                                    |
| No./diameter of wires              | 4 × 0.75 mm <sup>2</sup>                                                                                                                               |
| Wire isolation                     | PP (br, wh, bl, bk)                                                                                                                                    |
| C-track properties                 | 10 Mio.                                                                                                                                                |
| Jacket Color                       | black                                                                                                                                                  |
| Material (jacket)                  | PUR (UL/CSA)                                                                                                                                           |
| Outer Ø                            | 6.5 ±5%                                                                                                                                                |
| Bend radius (moving)               | 10× outer Ø                                                                                                                                            |
| Temperature range (fixed)          | -40...+80 °C                                                                                                                                           |
| Temperature range (mobile)         | -25...+80 °C                                                                                                                                           |
| Cable identification               | 569                                                                                                                                                    |
| Cable Type                         | 3 (PUR)                                                                                                                                                |
| Approval (cable)                   | cURus (AWM-Style 20549/10493); CE conform                                                                                                              |
| Cable weight [g/m]                 | 62,70                                                                                                                                                  |
| Material (wire)                    | Cu wire, bare                                                                                                                                          |
| Resistor (core)                    | max. 26 Ω/km (20 °C)                                                                                                                                   |
| Single wire Ø (core)               | 0.15 mm                                                                                                                                                |
| Construction (core)                | 42 × 0.15 mm (multi-strand wire class 6)                                                                                                               |
| Diameter (core)                    | 4 × 0.75 mm <sup>2</sup>                                                                                                                               |
| AWG                                | similar to AWG 18                                                                                                                                      |
| Material (wire isolation)          | PP                                                                                                                                                     |
| Material property (wire isolation) | CFC-, halogen-, cadmium-, silicone- and lead-free                                                                                                      |
| Shore hardness (wire isolation)    | 70 ±5 D                                                                                                                                                |
| Wire-Ø incl. isolation             | 1.85 mm ±5%                                                                                                                                            |
| Color/numbering of wires           | br, bk, bl, wh                                                                                                                                         |
| Stranding combination              | 4 wires twisted                                                                                                                                        |
| Shield                             | no                                                                                                                                                     |
| Material (jacket)                  | PUR                                                                                                                                                    |
| Material property (jacket)         | CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant |
| Shore hardness (jacket)            | 90 ±5 A                                                                                                                                                |
| Outer-Ø (jacket)                   | 6.5 mm ±5%                                                                                                                                             |
| Color (jacket)                     | black                                                                                                                                                  |
| chemical resistance                | good resistance to oil, gasoline and chemicals (VDE 0472 Teil 803 Test B)                                                                              |
| thermal resistance                 | flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2                                                                                     |
| Nominal voltage                    | 300 V AC                                                                                                                                               |
| Test voltage                       | 2500 V AC                                                                                                                                              |
| Current load capacity              | to DIN VDE 0298-4                                                                                                                                      |
| Temperature range (fixed)          | -40...+80 °C, (+90 °C at max. 10 000 operating hours)                                                                                                  |
| Temperature range (mobile)         | -25...+80 °C, (+90 °C at max. 10 000 operating hours)                                                                                                  |
| Bend radius (fixed)                | 5× outer Ø                                                                                                                                             |
| Bend radius (moving)               | 10× outer Ø                                                                                                                                            |
| No. of bending cycles (C-track)    | max. 10 Mio. (25 °C)                                                                                                                                   |
| Travel speed (C-track)             | max. 3 m/s                                                                                                                                             |
| Acceleration (C-track)             | max. 10 m/s <sup>2</sup>                                                                                                                               |
| Torsion stress                     | ±180°/m                                                                                                                                                |
| No. of torsion cycles              | max. 2 Mio. (25 °C)                                                                                                                                    |
| Torsion speed                      | 35 cycles/min                                                                                                                                          |

#### Technical Data

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 11/20

|                                           |                                     |
|-------------------------------------------|-------------------------------------|
| Operating voltage                         | 6...230 V AC/DC                     |
| Rated surge voltage                       | 2.5 kV                              |
| Operating current per contact             | max. 8 A                            |
| No. of poles                              | 4-pole                              |
| Material group                            | IEC 60664-1, category I             |
| LED display                               | no                                  |
| Locking of ports                          | Snap-in connector                   |
| Protection                                | IP68 inserted and tightened         |
| Material                                  | PA                                  |
| suitable for corrugated tube (internal Ø) | 13 mm                               |
| Housing                                   | Amphenol AT06-2S or Deutsch DT06-2S |
| Additional suppressor                     | without components                  |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879721080 |
| eClass                | 27279218      |
| Packaging unit        | 1             |