

Valve plug MDC06-6s with cable

PUR 6x0.75 bk UL/CSA+drag chain 10m

Xtreme - Outdoor

Further cable lengths on request.

Male straight

6...230 V AC/DC

6-pole

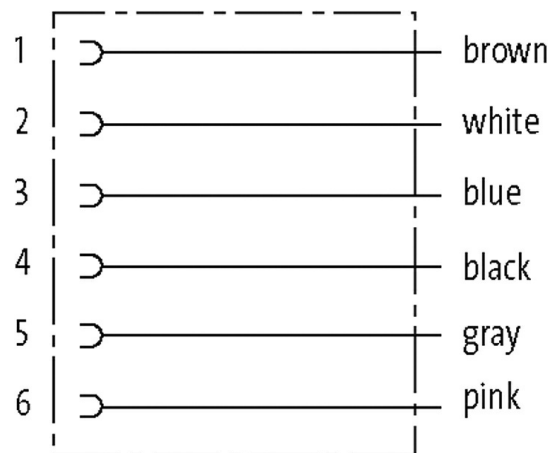
without components

Compatible with:

Deutsch DT06-6S

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

Form

Form 72221

General data

| | |
|----------------------------|--|
| Mounting method | inserted |
| Material (contact) | Copper alloy |
| Material (contact surface) | Ni |
| Material (gasket) | Silicon |
| Pollution Degree | 3 |
| Stripping length (jacket) | 60 mm |
| Temperature range | -25...+85 °C, depending on cable quality |

CablesNo./diameter of wires 6 × 0.75 mm²

| | |
|------------------------------------|--|
| Wire isolation | PP (br, wh, bl, bk, gr, pk) |
| C-track properties | 10 Mio. |
| Material (jacket) | PUR (UL/CSA) |
| Outer Ø | 7.3 mm ±5% |
| Bend radius (moving) | 10× outer Ø |
| Temperature range (fixed) | -40...+80 °C |
| Temperature range (mobile) | -25...+80 °C |
| Cable identification | 572 |
| Cable Type | 3 (PUR) |
| Approval (cable) | cURus (AWM-Style 20549/10493); CE conform |
| Cable weight [g/m] | 89,10 |
| 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) | 6 × 0.75 mm ² |
| 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% |
| 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) | 7.3 mm ±5% |
| Color (jacket) | black |
| chemical resistance | good resistance to oil, gasoline and chemicals (EN 60811-404) |
| 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 ² |
| Torsion stress | ±180°/m |
| No. of torsion cycles | max. 2 Mio. (25 °C) |
| Torsion speed | 35 cycles/min |
| Jacket Color | black |
| Technical Data | |
| Operating voltage | 6...230 V AC/DC |
| Rated surge voltage | 2.5 kV |
| Operating current per contact | max. 8 A |
| No. of poles | 6-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 | 4048879692946 |
| eClass | 27279218 |
| Packaging unit | 1 |