

Valve plug MDC06-2s short with cable

PUR 2x0.75 bk UL/CSA+drag ch. 2.15m

Xtreme - Outdoor

Further cable lengths on request.

Male straight

12...230 V AC/DC

2-pole

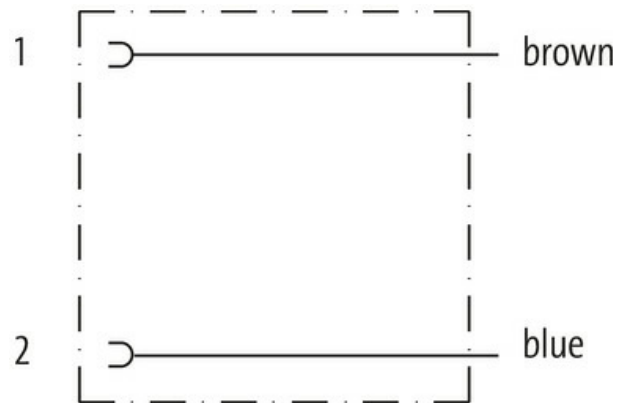
without components

Compatible with:

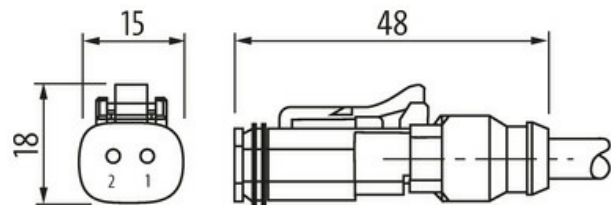
Deutsch DT06-2S

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 72011

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 | 2-pole |
| Material group | IEC 60664-1, category III |
| LED display | no |
| Locking of ports | Snap-in connector |
| Protection | IP68 inserted and tightened |
| Material | PA |
| suitable for corrugated tube (internal Ø) | 11 mm |
| Housing | Amphenol AT06-2S or Deutsch DT06-2S |
| Additional suppressor | without components |

General data

| | |
|----------------------------|--|
| Mounting method | inserted |
| Material (contact) | Copper alloy |
| Material (contact surface) | Ni |
| Material (gasket) | Silicon |
| Pollution Degree | 2 |
| Stripping length (jacket) | 20 mm |
| Temperature range | -25...+85 °C, depending on cable quality |

Cables

| | |
|------------------------------------|--|
| Cable identification | 754 |
| Cable Type | 3 (PUR) |
| Approval (cable) | cURus (AWM-Style 20549/10493); CE conform |
| Cable weight [g/m] | 40,7 g |
| 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) | 2× 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 | 1.7 mm ±5% |
| Color/numbering of wires | br, bl |
| Stranding combination | 2 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) | 5.0 mm ±5% |
| Color (jacket) | black |
| chemical resistance | good resistance to oil, gasoline and chemicals (EN 60811-404) |
| thermal resistance | flame retardand UL 1581 Section 1090 (H), CSA FT2 / 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 |

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: 03/22

| | |
|-----------------------|---------------------|
| No. of torsion cycles | max. 2 Mio. (25 °C) |
|-----------------------|---------------------|

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|---------------|---------------|
| Torsion speed | 35 cycles/min |
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Commercial data

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| country of origin | DE |
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| customs tariff number | 85444290 |
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| EAN | 4048879791618 |
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| eClass | 27279218 |
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| Packaging unit | 1.000 |
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