

**Valve plug MDC06-4s / MDC06-2s (Pins 3+4)**

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

Art.No.: 7072-77102-7540200

Weight: 0.11

Country of origin: DE

Model designation: MSTD4L0-TD2L0-\*754\_2.0-S72

Xtreme - Outdoor

Male straight – male straight

Further cable lengths on request.

2-pole

6...230 V AC/DC

without components

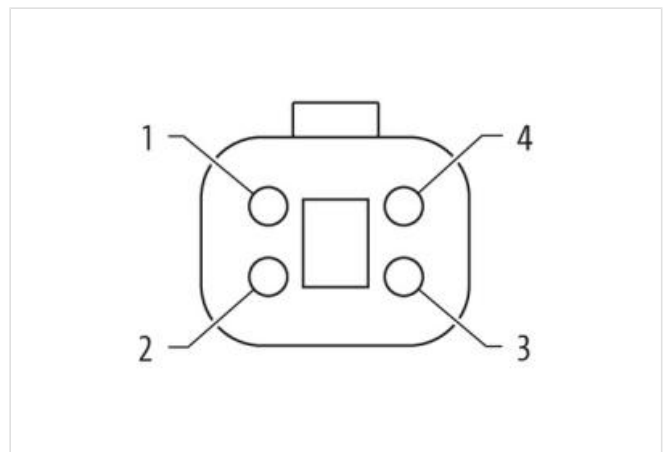
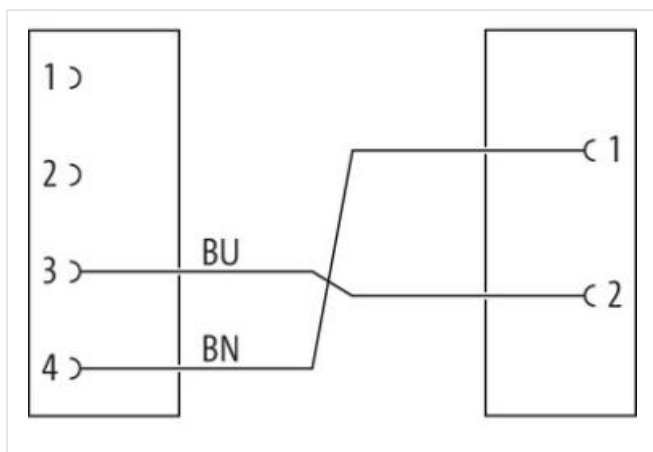
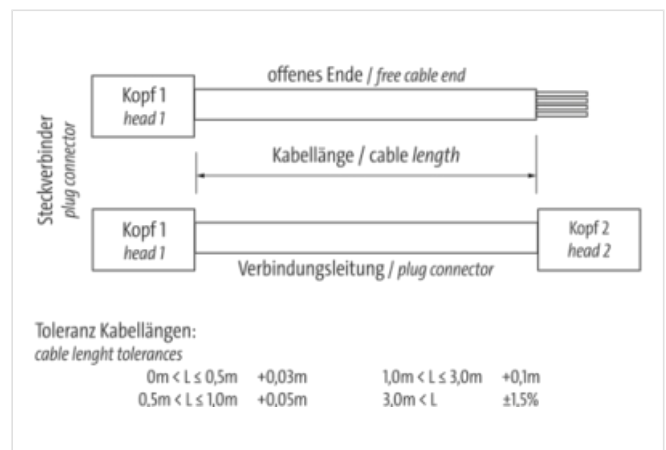
with cable sleeves

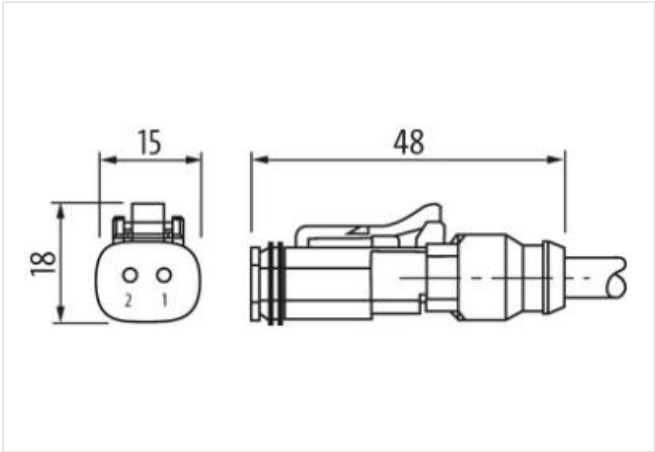
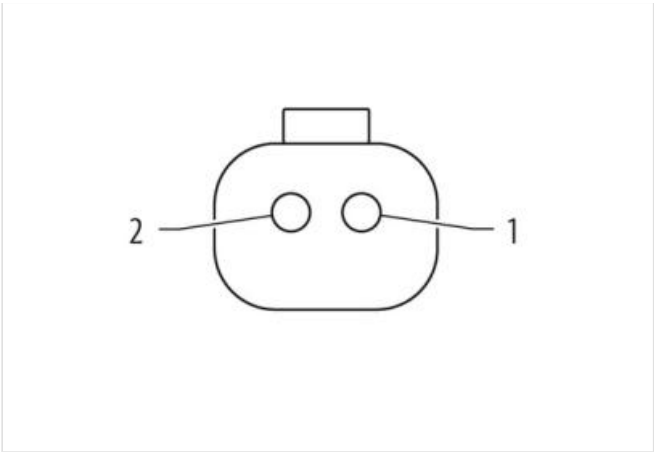
compatibel to Deutsch DT06-2S

compatibel to 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**



Product may differ from Image



|                          |                  |
|--------------------------|------------------|
| Cable length             | 2 m              |
| Side 1                   |                  |
| Mounting method          | inserted         |
| Coating contact          | nickel plated    |
| Family construction form | Amphenol AT06-4S |
| Material contact         | Copper alloy     |
| No. of poles             | 4                |
| Side 2                   |                  |
| Mounting method          | inserted         |
| Coating contact          | nickel plated    |
| Family construction form | Amphenol AT06-2S |
| No. of poles             | 2                |
| Commercial data          |                  |
| ECLASS-6.0               | 27279218         |
| ECLASS-6.1               | 27279218         |
| ECLASS-7.0               | 27279218         |
| ECLASS-8.0               | 27279218         |

|                       |               |
|-----------------------|---------------|
| ECLASS-9.0            | 27060312      |
| ECLASS-10.1           | 27060312      |
| ECLASS-11.1           | 27060312      |
| ECLASS-12.0           | 27060312      |
| ETIM-5.0              | EC001855      |
| customs tariff number | 85444290      |
| customs tariff number | 85444290      |
| EAN                   | 4048879911689 |
| EAN                   | 4048879911689 |
| Packaging unit        | 1             |
| Packaging unit        | 1             |

#### Electrical data | Supply

|                                    |       |
|------------------------------------|-------|
| Operating voltage AC min.          | 6 V   |
| Operating voltage AC max.          | 230 V |
| Operating voltage DC min.          | 6 V   |
| Operating voltage DC max.          | 230 V |
| Current operating per contact max. | 8 A   |

#### Diagnostics

|                       |    |
|-----------------------|----|
| Status indication LED | no |
|-----------------------|----|

#### Device protection | Electrical

|                                        |                    |
|----------------------------------------|--------------------|
| Degree of protection (EN IEC 60529)    | IP68               |
| Additional condition protection degree | inserted           |
| Pollution Degree                       | 2                  |
| Rated surge voltage                    | 2,5 kV             |
| Material group (IEC 60664-1)           | III                |
| Additional suppressor                  | without components |

#### Mechanical data | Material data

|                  |         |
|------------------|---------|
| Material housing | PA      |
| Material gasket  | Silicon |

#### Mechanical data | Mounting data

|                    |                   |
|--------------------|-------------------|
| Looking techniques | Snap-in connector |
|--------------------|-------------------|

#### 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 strain relief  | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.                                                   |
| Note on bending radius | <b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |

#### Installation | Cable

|                       |                 |
|-----------------------|-----------------|
| wire arrangement      | brown, blue     |
| Cable identification  | 754             |
| Cable Type            | 3               |
| Jacket Color          | black           |
| Type of Certificate   | cURus           |
| Amount stranding      | 1               |
| Stranding             | 2 wires twisted |
| wire arrangement      | brown, blue     |
| Cable weight          | 40,7 g/m        |
| Material jacket       | PUR             |
| Shore hardness jacket | 90 ± 5 Shore A  |

|                                                   |                                                                |
|---------------------------------------------------|----------------------------------------------------------------|
| Freedom from ingredients (jacket)                 | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket)                           | 5 mm                                                           |
| Tolerance outer diameter (sheath)                 | ± 5 %                                                          |
| Material wire insulation                          | PP                                                             |
| Amount wires                                      | 2                                                              |
| Outer diameter insulation                         | 1,7 mm                                                         |
| Outer diameter tolerance core insulation          | ± 5 %                                                          |
| Shore hardness wire insulation                    | 70 ± 5 Shore D                                                 |
| Ingredient freeness wire insulation               | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount strands (wire)                             | 42                                                             |
| Diameter of single wires                          | 0,15 mm                                                        |
| Conductor crosssection (wire)                     | 0,75 mm²                                                       |
| Material conductor wire                           | Stranded copper wire, bare                                     |
| Conductor type (wire)                             | strand class 6                                                 |
| Nominal voltage AC max.                           | 300 V                                                          |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                              |
| Current load capacity min. wire                   | 12 A                                                           |
| Electrical resistance line constant wire          | 26 Ω/km @ 20 °C                                                |
| AC withstand voltage (wire - wire)                | 2,5 kV @ 60 s                                                  |
| Power frequency withstand voltage (wire - jacket) | 2,5 kV @ 60 s                                                  |
| Min. operating temperature (static)               | -40 °C                                                         |
| Max. operating temperature (fixed)                | 80 °C / 90 °C @ 10000 h Operation                              |
| Operating temperature min. (dynamic)              | -25 °C                                                         |
| Operating temperature max. (dynamic)              | 80 °C / 90 °C @ 10000 h Operation                              |
| UV resistance                                     | DIN EN ISO 4892-2 A                                            |
| Flame resistance                                  | UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2            |
| chemical resistance                               | Good, application-related testing                              |
| Gasoline resistance                               | Good, application-related testing                              |
| Oil resistance                                    | DIN EN 60811-404   Good, application-related testing           |
| Bending radius (fixed)                            | 5 x Outer diameter                                             |
| Bending radius (dynamic)                          | 10 x Outer diameter                                            |
| No. of bending cycles (C-track)                   | 10 Mio. @ 25 °C                                                |
| Traversing distance (C-track)                     | 10 m @ 25 °C   horizontal                                      |
| Travel speed (C-track)                            | 3 m/s @ 25 °C                                                  |
| No. of torsion cycles                             | 2 Mio.                                                         |
| Torsion stress                                    | ± 180 °/m                                                      |
| Torsion speed                                     | 35 cycles/min                                                  |