

**Valve plug MDC06-4s / M12 female 0° Xtreme**

PUR 2x0.75 bk UL/CSA+drag ch. 3m

Xtreme - Outdoor

Further cable lengths on request.

Female straight – male straight

Stainless steel 1.4305 (V2A/M12)

6...230 V AC/DC

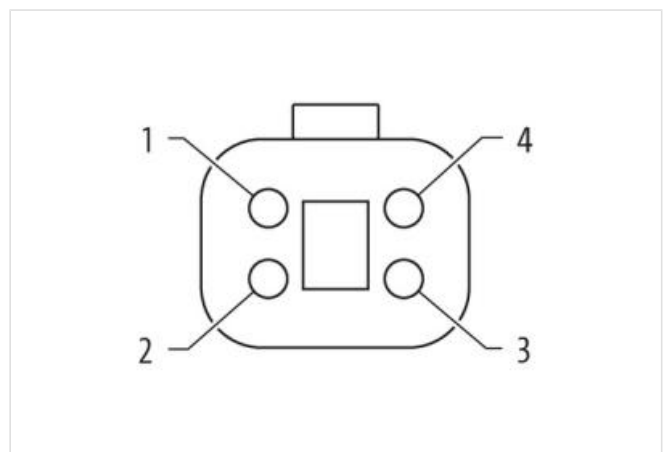
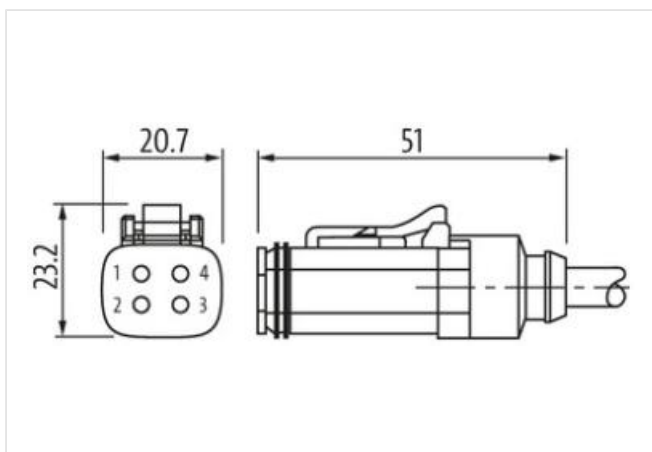
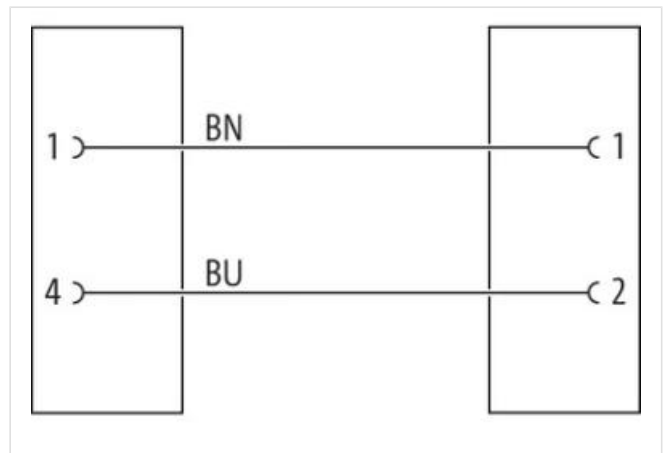
2-pole

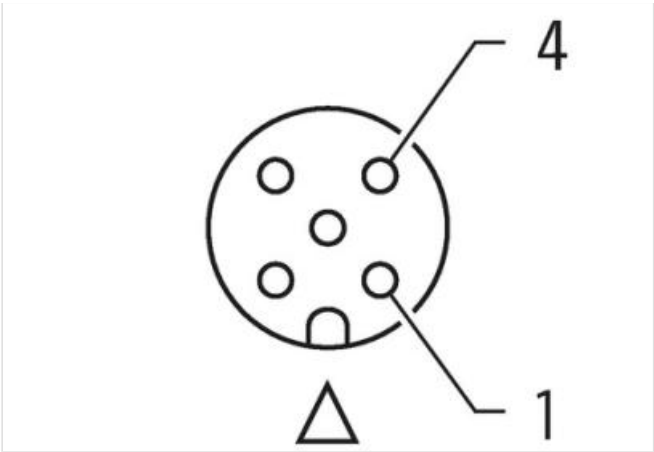
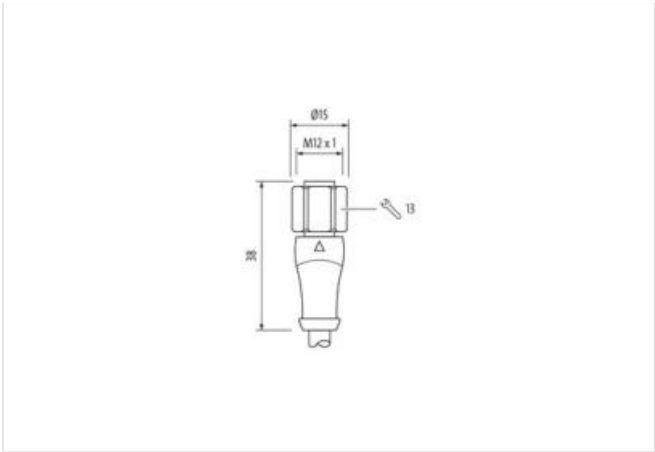
without components

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                              | 3 m               |
| Side 1                                    |                   |
| Family construction form                  | M12               |
| suitable for corrugated tube (internal Ø) | 10 mm             |
| Coding                                    | A                 |
| Material                                  | PUR               |
| No. of poles                              | 2                 |
| Width across flats                        | SW14              |
| Degree of protection (EN IEC 60529)       | IP65, IP66K, IP68 |
| Side 2                                    |                   |
| Tightening torque                         | 0,6 Nm            |
| Family construction form                  | Amphenol AT06-4S  |
| Thread                                    | M12 x 1           |
| Material                                  | PA                |
| No. of poles                              | 2                 |
| Degree of protection (EN IEC 60529)       | IP68              |
| Commercial data                           |                   |
| ECLASS-6.0                                | 27279218          |
| ECLASS-7.0                                | 27279218          |
| ECLASS-8.0                                | 27279218          |
| ECLASS-9.0                                | 27060311          |
| ECLASS-10.1                               | 27060312          |
| ECLASS-11.1                               | 27060312          |
| ECLASS-12.0                               | 27060312          |
| ETIM-5.0                                  | EC001855          |
| customs tariff number                     | 85444290          |
| GTIN                                      | 4048879912099     |
| 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.        | 4 A               |
| Device protection   Electrical            |                   |
| Pollution Degree                          | 3                 |

|                                                   |                                                                                                                                                       |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rated surge voltage                               | 2,5 kV                                                                                                                                                |
| Material group (IEC 60664-1)                      | I                                                                                                                                                     |
| Additional suppressor                             | without components                                                                                                                                    |
| <b>Mechanical data   Material data</b>            |                                                                                                                                                       |
| Material gasket                                   | Silicon                                                                                                                                               |
| Locking material                                  | Stainless steel 1.4305 (V2A)                                                                                                                          |
| <b>Mechanical data   Mounting data</b>            |                                                                                                                                                       |
| Mounting method                                   | inserted, screwed, Shaking protection                                                                                                                 |
| Looking techniques                                | Snap-in connector                                                                                                                                     |
| <b>Environmental characteristics   Climatic</b>   |                                                                                                                                                       |
| Operating temperature min.                        | -25 °C                                                                                                                                                |
| Operating temperature max.                        | 85 °C                                                                                                                                                 |
| Additional condition temperature range            | depending on cable quality                                                                                                                            |
| <b>Important installation notes</b>               |                                                                                                                                                       |
| 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. |
| <b>Installation   Cable</b>                       |                                                                                                                                                       |
| 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                                        |