

**Valve plug MDC06-4s / MSUD valve A-18mm Xtreme**

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

Xtreme - Outdoor

Male straight – female 90°

6...230 V AC/DC

without components

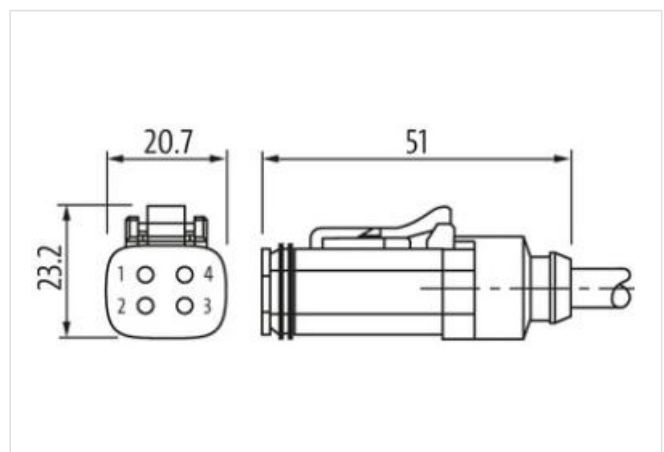
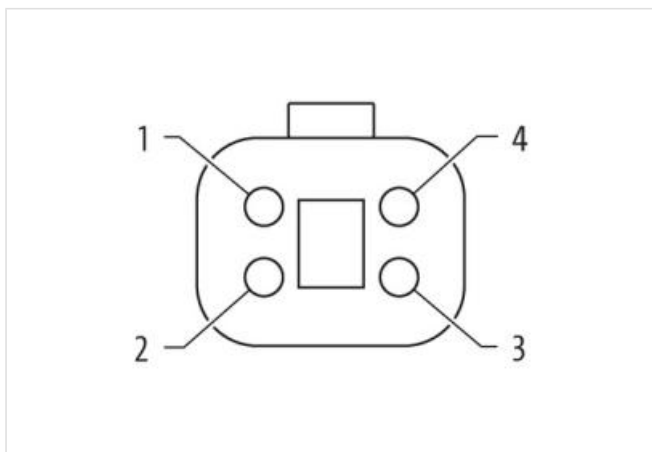
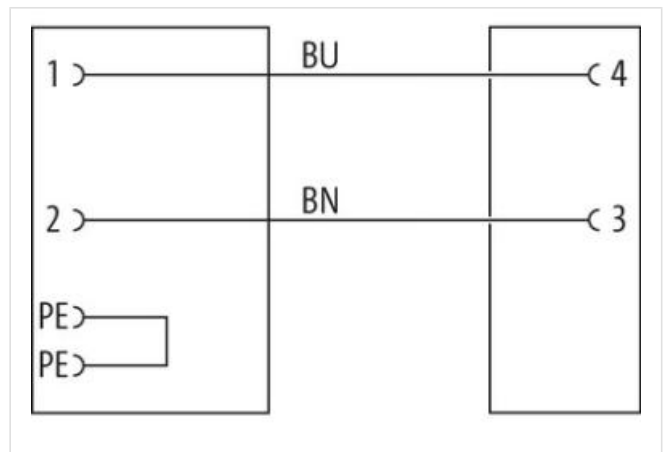
compatibel to Deutsch DT06-4S

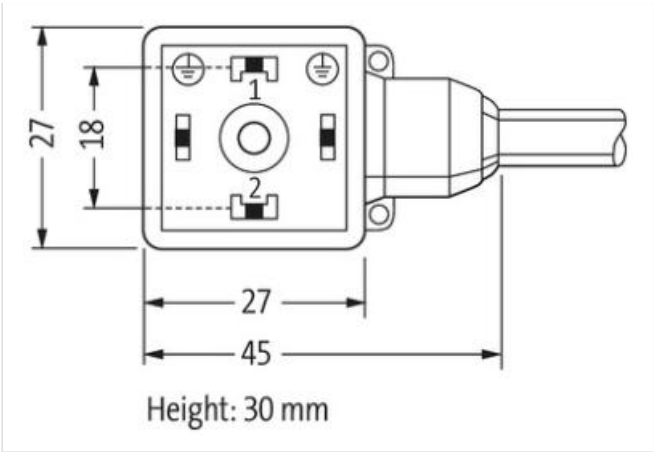
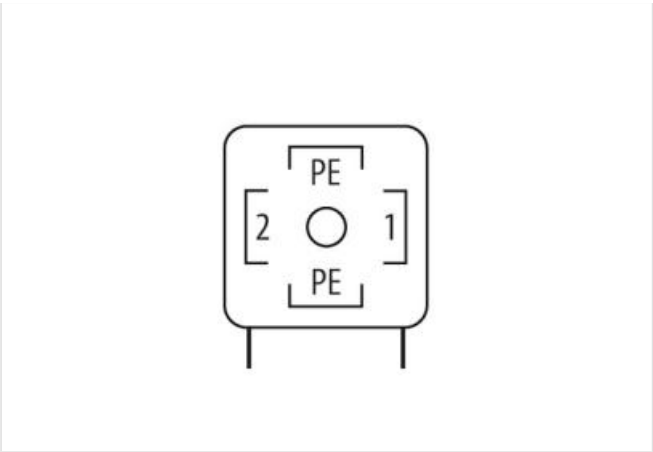
MSUD A

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.

Further cable lengths on request.

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



Product may differ from Image

|                                     |                   |
|-------------------------------------|-------------------|
| Cable length                        | 3 m               |
| Side 1                              |                   |
| Mounting method                     | inserted, screwed |
| Coating contact                     | nickel plated     |
| Family construction form            | MSUD A            |
| Material contact                    | Copper alloy      |
| No. of poles                        | 4                 |
| Degree of protection (EN IEC 60529) | IP65, IP66K, IP68 |
| Side 2                              |                   |
| Mounting method                     | inserted, screwed |
| Coating contact                     | nickel plated     |
| Family construction form            | Amphenol AT06-4S  |
| Material contact                    | Copper alloy      |
| No. of poles                        | 4                 |
| 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                                | 4048879908900     |
| 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                |
| Installation   Connection           |                   |

|   |   |
|---|---|
| Tightening torque                               | 0,4 Nm  |
| Mounting set                                    | M3 x 31   |
| <b>Device protection   Electrical</b>           |   |
| Pollution Degree                                | 3   |
| Rated surge voltage                             | 4 kV  |
| Material group (IEC 60664-1)                    | I   |
| Additional suppressor                           | without components  |
| <b>Mechanical data   Material data</b>          |   |
| Material gasket                                 | Silicon   |
| Material housing                                | PA  |
| Material screw connection                       | Stainless steel 1.4305 (V2A)  |
| <b>Mechanical data   Mounting data</b>          |   |
| 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>                     |   |
| Cable identification                            | 754   |
| Cable Type                                      | 3   |
| Jacket Color                                    | black   |
| Type of Certificate                             | cURus   |
| Amount stranding                                | 1   |
| Stranding                                       | 2 wires twisted   |
| wire arrangement                                | brown, blue   |
| Traversing distance (C-track)                   | 10 m @ 25 °C   horizontal   |
| 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                                  |
| Travel speed (C-track)                            | 10 Mio. @ 25 °C                                      |
| No. of torsion cycles                             | 2 Mio.   |
| Torsion stress                                    | ± 180 °/m  |
| Torsion speed                                     | 35 cycles/min  |