

### Valve plug MDC06-4s / MDC06-4s

PUR 1x4x0.5 shielded vt UL/CSA+drag ch. 0.6m

Xtreme - Outdoor

Male straight – male straight

Further cable lengths on request.

6 ... 32 V AC/DC

4-pole

without components

with cable sleeves

Compatible with:

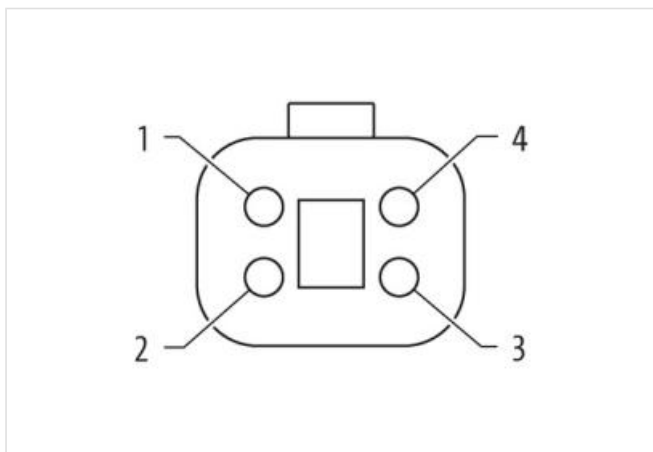
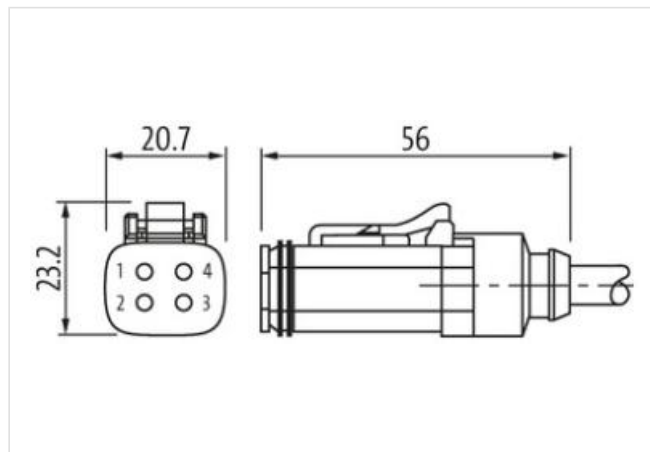
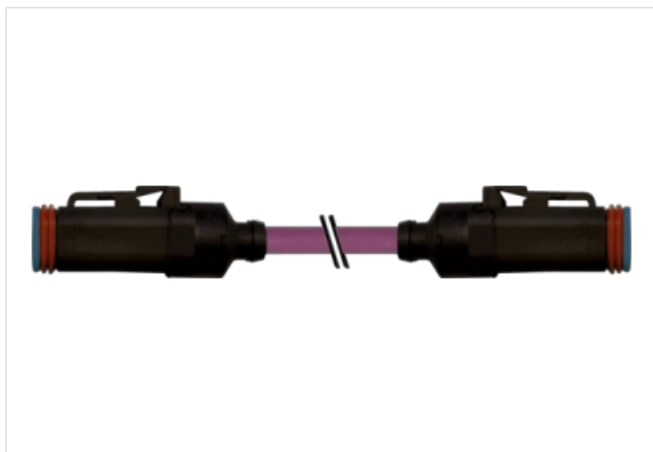
Deutsch DT06-4S

Plastic housings with good resistance against chemicals and oils.

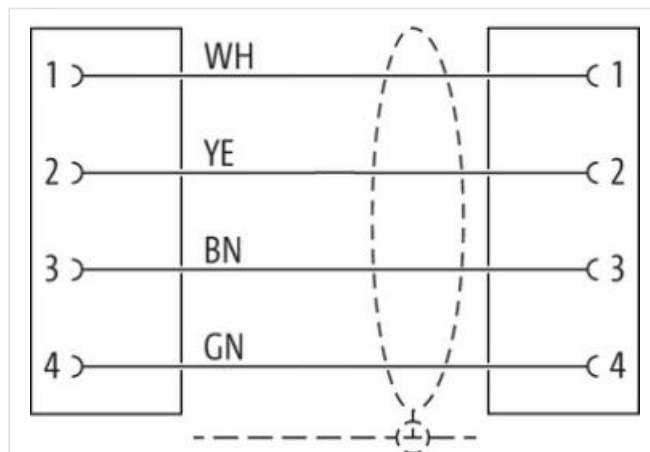
The resistance to aggressive media should be individually tested for your application. Further details on request.

### [Linkki tuotteeseen](#)

#### Kuvat



Tuote voi erota kuvassa olevasta



Cable length 0,6 m

#### Side 1

|                                           |               |
|-------------------------------------------|---------------|
| Mounting method                           | inserted      |
| Coating contact                           | nickel plated |
| Family construction form                  | MDC           |
| suitable for corrugated tube (internal Ø) | 13 mm         |
| Material contact                          | Copper alloy  |
| No. of poles                              | 4             |

#### Side 2

|                                           |               |
|-------------------------------------------|---------------|
| Mounting method                           | inserted      |
| Coating contact                           | nickel plated |
| Family construction form                  | MDC           |
| suitable for corrugated tube (internal Ø) | 13 mm         |
| No. of poles                              | 4             |

#### Kaupalliset tiedot

|             |               |
|-------------|---------------|
| 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      |
| GTIN        | 4048879829069 |
| Pakkauskoko | 1             |
| Tullinumero | 85444290      |

#### Electrical data | Supply

|                                    |      |
|------------------------------------|------|
| Operating voltage AC min.          | 6 V  |
| Operating voltage AC max.          | 32 V |
| Operating voltage DC min.          | 6 V  |
| Operating voltage DC max.          | 32 V |
| Current operating per contact max. | 4 A  |

#### Diagnostics

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

#### Installation | Connection

|                          |                  |
|--------------------------|------------------|
| Family construction form | Amphenol AT06-4S |
|--------------------------|------------------|

#### Device protection | Electrical

|                                        |                    |
|----------------------------------------|--------------------|
| Degree of protection (EN IEC 60529)    | IP68, IP66K, IP69K |
| Additional condition protection degree | inserted           |
| Pollution Degree                       | 2                  |
| Rated surge voltage                    | 0,8 kV             |
| Material group (IEC 60664-1)           | III                |
| Additional suppressor                  | without components |

#### Mechanical data | Material data

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

#### 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

|                                                   |                                                                |
|---------------------------------------------------|----------------------------------------------------------------|
| Cable identification                              | 804                                                            |
| Jacket Color                                      | violet                                                         |
| Type of Certificate                               | cURus                                                          |
| Amount stranding                                  | 1                                                              |
| Stranding                                         | 4 wires around Filler twisted                                  |
| Cable shielding (type)                            | copper braid, tinned                                           |
| Cable shielding (coverage)                        | 85 %                                                           |
| Banding                                           | Fleece, Foil                                                   |
| Filler                                            | yes                                                            |
| wire arrangement                                  | (white, brown), (yellow, green)                                |
| Cable weight                                      | 97,9 g/m                                                       |
| Material jacket                                   | PUR                                                            |
| Shore hardness jacket                             | 90 Shore A                                                     |
| Freedom from ingredients (jacket)                 | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket)                           | 8,2 mm                                                         |
| Tolerance outer diameter (sheath)                 | ± 5 %                                                          |
| Material wire insulation                          | PE                                                             |
| Amount wires                                      | 4                                                              |
| Outer diameter insulation                         | 2,4 mm                                                         |
| Outer diameter tolerance core insulation          | ± 5 %                                                          |
| Shore hardness wire insulation                    | 65 Shore D                                                     |
| Ingredient freeness wire insulation               | lead-free, CFC-free, halogen-free                              |
| Amount strands (wire)                             | 30                                                             |
| Diameter of single wires                          | 0,15 mm                                                        |
| Conductor crosssection (wire)                     | 0,5 mm <sup>2</sup>                                            |
| Material conductor wire                           | Stranded copper wire, bare                                     |
| Conductor type (wire)                             | strand class 6                                                 |
| No. of bending cycles (C-track)                   | 5 Mio. @ 25 °C                                                 |
| Travel speed (C-track)                            | 3 m/s @ 25 °C                                                  |
| Nominal voltage AC max.                           | 50 V                                                           |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                              |
| Current load capacity min. wire                   | 7,2 A                                                          |
| Electrical resistance line constant wire          | 39 Ω/km @ 20 °C                                                |
| AC withstand voltage (wire - wire)                | 1,5 kV @ 60 s                                                  |
| Power frequency withstand voltage (wire - jacket) | 1,5 kV @ 60 s                                                  |
| AC withstand voltage (wire - shield)              | 1,5 kV @ 60 s                                                  |
| Min. operating temperature (static)               | -40 °C                                                         |
| Max. operating temperature (fixed)                | 80 °C                                                          |
| Operating temperature min. (dynamic)              | -30 °C                                                         |
| Operating temperature max. (dynamic)              | 70 °C                                                          |
| Flame resistance                                  | IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090            |
| 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)                            | 6 x Outer diameter                                             |
| Bending radius (dynamic)                          | 8 x Outer diameter                                             |