

**Valve plug MDC06-4s / MDC04-4p CANopen**

PUR 1x4x0.5 shielded vt UL/CSA+drag ch. 3.0m

Xtreme - Outdoor

Male straight – female straight

6 ... 32 V AC/DC

4-pole

without components

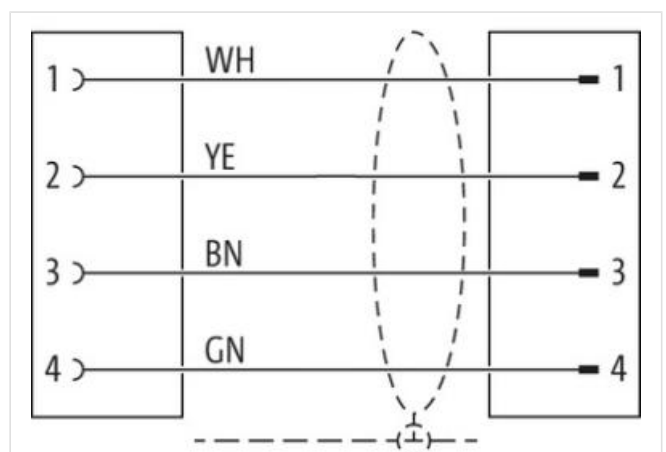
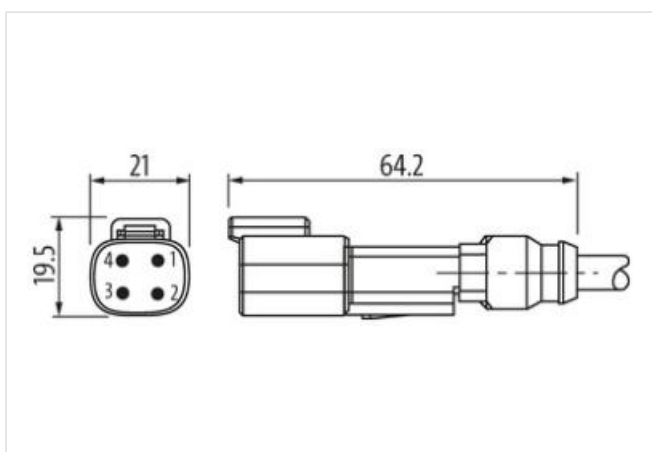
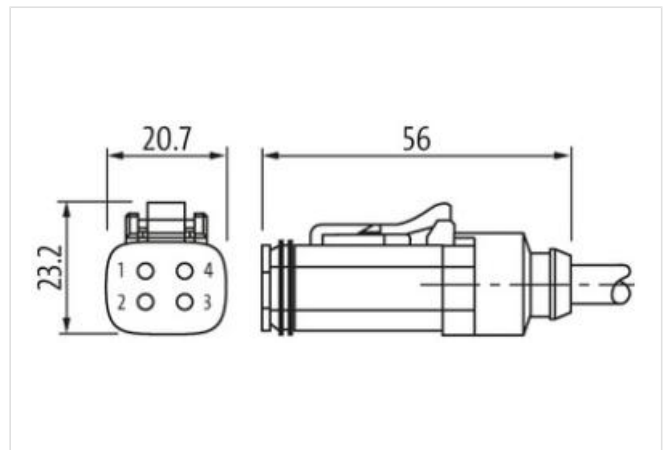
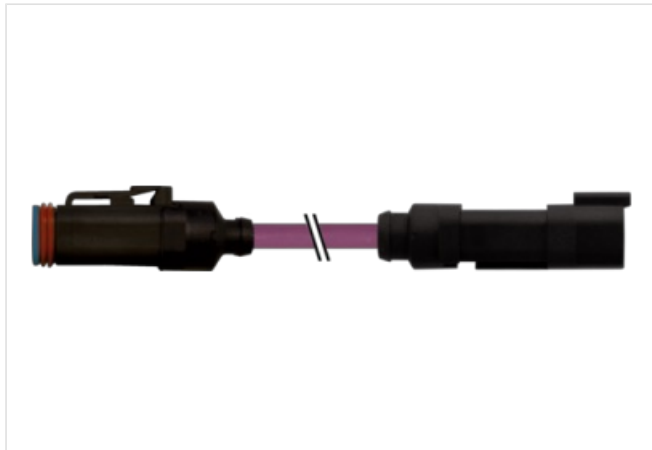
with cable sleeves

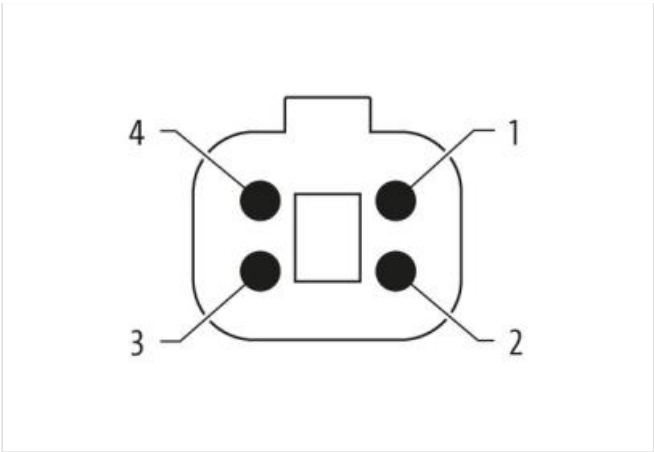
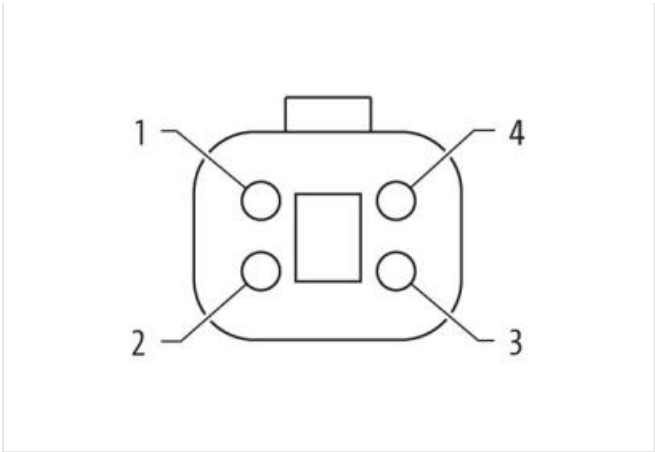
compatible to Deutsch DT06-4S and Deutsch DT04-4P

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 naar het product](#)**Afbeelding**



Product van afwijken van afbeelding



|                                           |                  |
|-------------------------------------------|------------------|
| Cable length                              | 3 m              |
| Side 1                                    |                  |
| Mounting method                           | inserted         |
| Coating contact                           | nickel plated    |
| Family construction form                  | Amphenol AT06-4S |
| 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                  | Amphenol AT04-4P |
| suitable for corrugated tube (internal Ø) | 13 mm            |
| Material contact                          | Copper alloy     |
| No. of poles                              | 4                |
| Commerciële gegevens                      |                  |
| 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         |
| Douane tarief nummer                      | 85444290         |
| GTIN                                      | 4065909013090    |
| Verpakkingseenheid                        | 1                |
| 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                                                                                                                                                   |
| <b>Diagnostics</b>                              |                                                                                                                                                       |
| Status indication LED                           | no                                                                                                                                                    |
| <b>Device protection   Electrical</b>           |                                                                                                                                                       |
| 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                                                                                                                                    |
| <b>Mechanical data   Material data</b>          |                                                                                                                                                       |
| Material gasket                                 | Silicon                                                                                                                                               |
| Material housing                                | PA                                                                                                                                                    |
| <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                            | 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 $\Omega$ /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                                   |