

**Valve plug MDCY06-4s / 2x M12 female 0° Xtreme**

PUR 3x0.5 gy UL/CSA+drag chain 7m

Xtreme - Outdoor

Y connector

Male straight – female straight

6...230 V AC/DC

without components

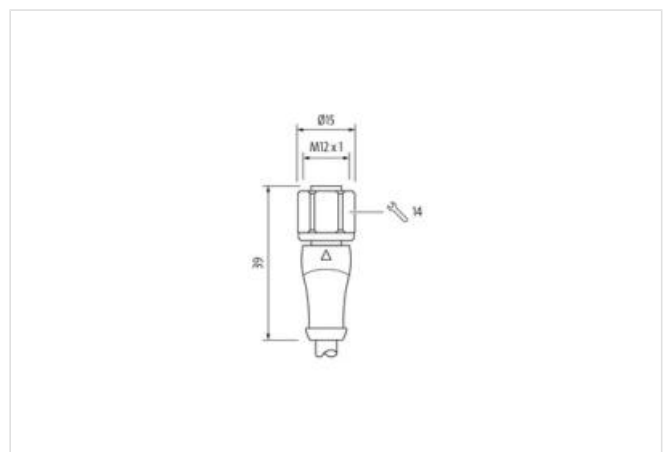
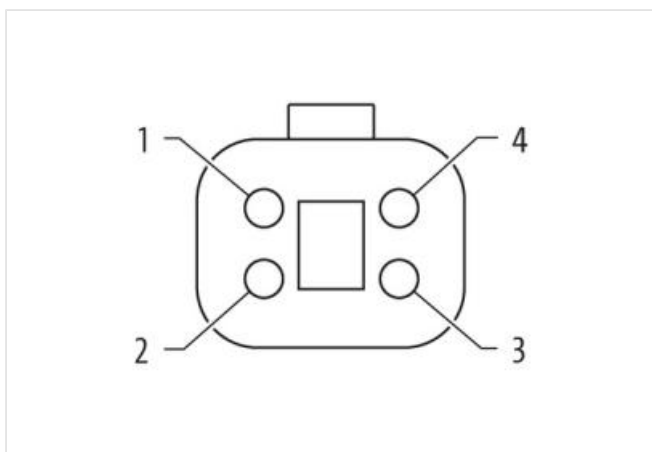
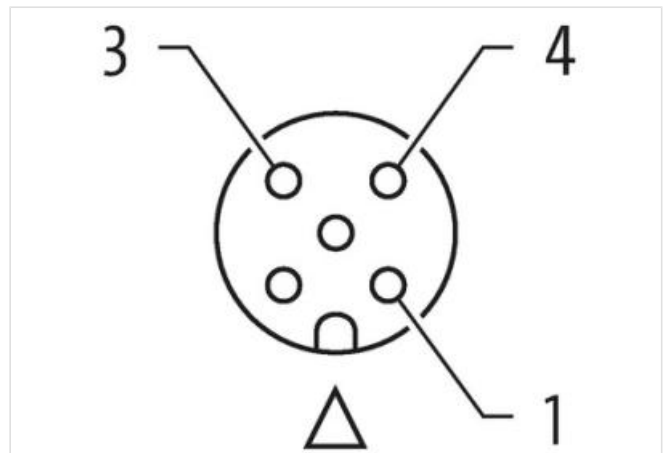
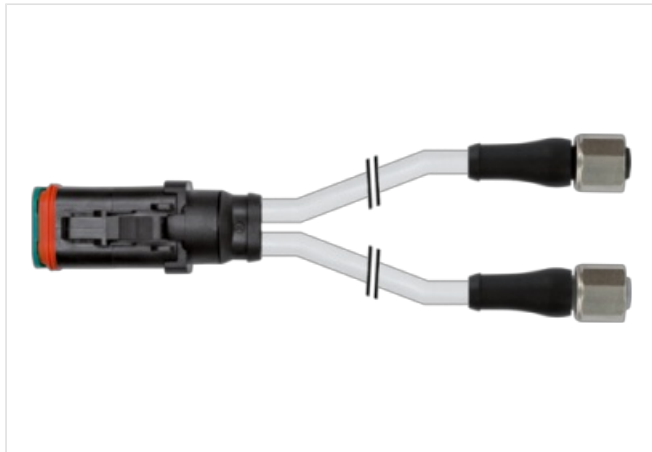
Compatible with:

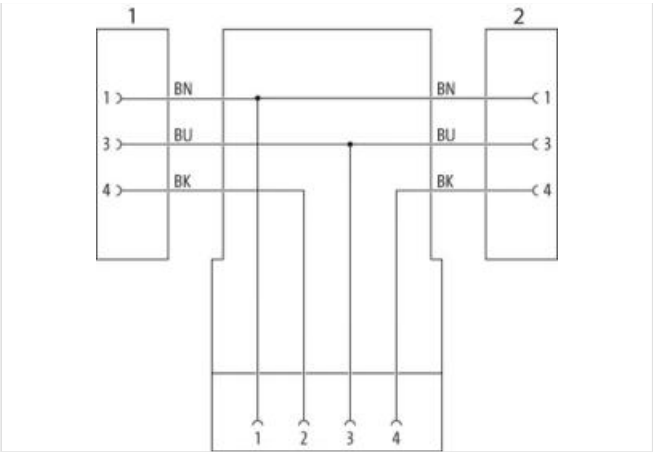
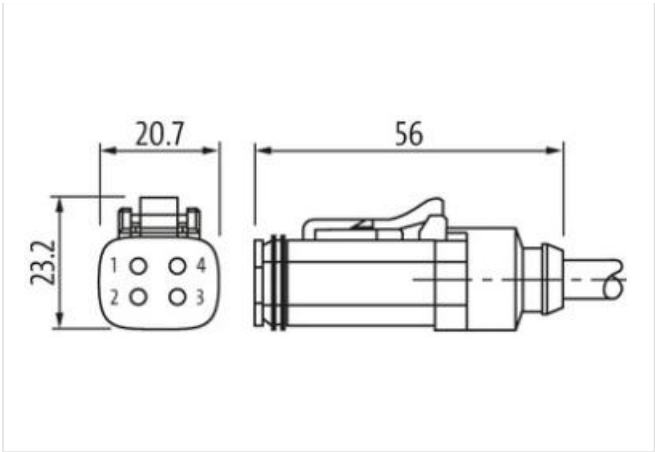
Amphenol AT06-2S or Deutsch DT06-2S

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                              | 7 m               |
| Side 1                                    |                   |
| Mounting method                           | inserted, screwed |
| Coating contact                           | nickel plated     |
| Family construction form                  | MDC               |
| suitable for corrugated tube (internal Ø) | 10 mm             |
| Material contact                          | Copper alloy      |
| No. of poles                              | 4                 |
| Side 2                                    |                   |
| Tightening torque                         | 0,6 Nm            |
| Mounting method                           | inserted, screwed |
| Coating contact                           | nickel plated     |
| Family construction form                  | M12               |
| Thread                                    | M12 x 1           |
| Coding                                    | A                 |
| Material contact                          | Copper alloy      |
| No. of poles                              | 3                 |
| Side 3                                    |                   |
| Family construction form                  | M12               |
| Coding                                    | A                 |
| Material contact                          | Copper alloy      |
| No. of poles                              | 3                 |
| Commerciële gegevens                      |                   |
| 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          |
| Douane tarief nummer                      | 85444290          |
| GTIN                                      | 4065909007907     |
| Verpakkingseenheid                        | 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   |

#### Diagnostics

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

#### Installation | Connection

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

#### Device protection | Electrical

|                                        |                    |
|----------------------------------------|--------------------|
| Degree of protection (EN IEC 60529)    | IP65, IP68, IP66K  |
| Additional condition protection degree | inserted, screwed  |
| Pollution Degree                       | 3                  |
| Rated surge voltage                    | 2,5 kV             |
| Material group (IEC 60664-1)           | I                  |
| Additional suppressor                  | without components |

#### Mechanical data | Material data

|                  |                              |
|------------------|------------------------------|
| Material gasket  | Silicon                      |
| Locking material | Stainless steel 1.4305 (V2A) |

#### Mechanical data | Mounting data

|                    |                                       |
|--------------------|---------------------------------------|
| Mounting method    | inserted, screwed, Shaking protection |
| 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. |

#### Conformity

|                  |                          |
|------------------|--------------------------|
| Product standard | DIN EN 61076-2-101 (M12) |
|------------------|--------------------------|

#### Installation | Cable

|                                          |                                                                |
|------------------------------------------|----------------------------------------------------------------|
| Cable identification                     | 428                                                            |
| Cable Type                               | 3                                                              |
| Jacket Color                             | gray                                                           |
| Type of Certificate                      | cURus                                                          |
| Amount stranding                         | 1                                                              |
| Stranding                                | 3 wires twisted                                                |
| wire arrangement                         | brown, black, blue                                             |
| Cable weight                             | 47,3 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)                  | 4,6 mm                                                         |
| Tolerance outer diameter (sheath)        | ± 5 %                                                          |
| Material wire insulation                 | PP                                                             |
| Amount wires                             | 3                                                              |
| Outer diameter insulation                | 1,4 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)                             | 28                                                   |
| 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                                       |
| Traversing distance (C-track)                     | 10 m @ 25 °C   horizontal                            |
| Nominal voltage AC max.                           | 300 V                                                |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                    |
| Current load capacity min. wire                   | 9 A                                                  |
| Electrical resistance line constant wire          | 39 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                    |
| 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)                            | 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                                        |