

# **Valve plug MDCY06-4s / 2x MDC06-2s LED+Diode**

PUR 2x0.75 bk UL/CSA+drag chain 1,5m

Xtreme - Outdoor

Y connector

Further cable lengths on request.

Male straight

12...24 V AC/DC

Compatible with:

Deutsch DT06-4S

Deutsch DT06-2S

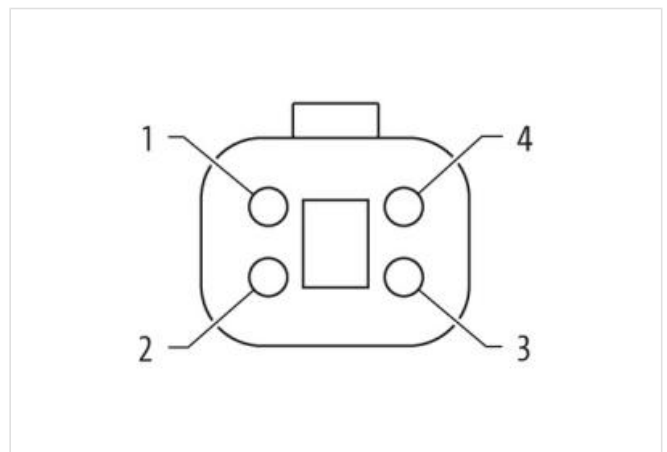
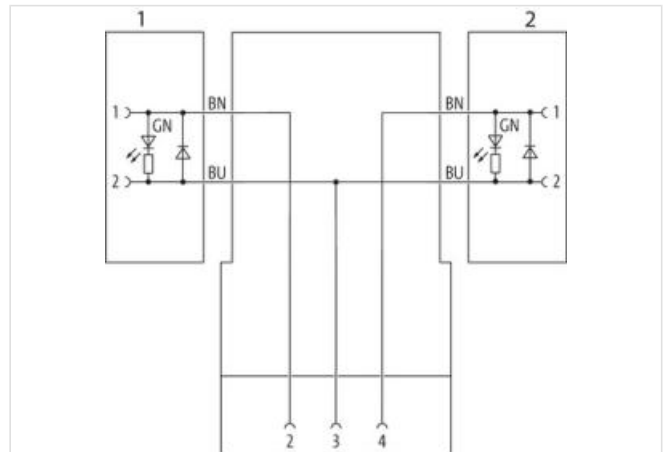
Flyback diode + LED

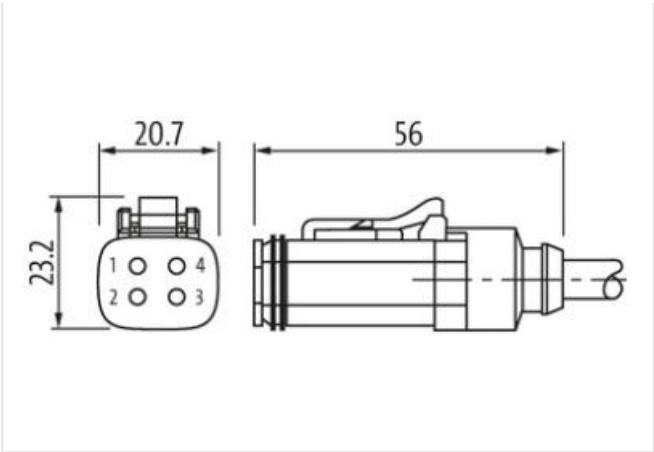
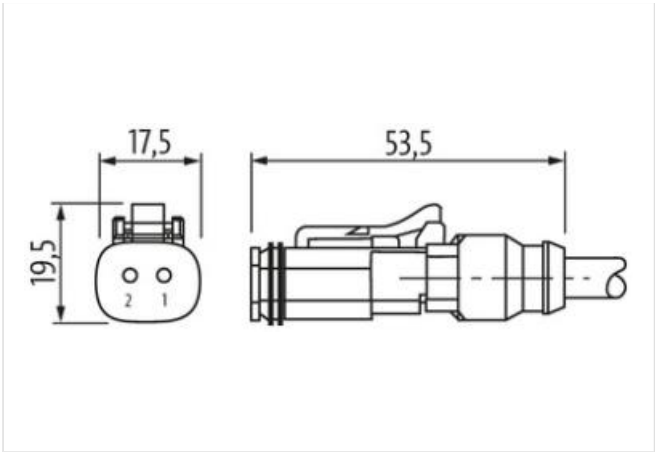
Plastic housings with good resistance against chemicals and oils.

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

## [Link til artikel](#)

### Billede





Produktet kan afvige fra billedet



|                           |                  |
|---------------------------|------------------|
| Cable length              | 1,5 m            |
| Side 1                    |                  |
| Mounting method           | inserted         |
| Coating contact           | nickel plated    |
| Family construction form  | Amphenol AT06-4S |
| Material contact          | Copper alloy     |
| No. of poles              | 4                |
| Side 2                    |                  |
| Mounting method           | inserted         |
| Coating contact           | nickel plated    |
| Family construction form  | Amphenol AT06-2S |
| Material contact          | Copper alloy     |
| No. of poles              | 2                |
| Side 3                    |                  |
| Family construction form  | Amphenol AT06-2S |
| Material contact          | Copper alloy     |
| No. of poles              | 2                |
| 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                      | 4065909004838    |
| Pakke-enhed               | 1                |
| Electrical data   Supply  |                  |
| Operating voltage DC min. | 12 V             |
| Operating voltage DC max. | 24 V             |

Current operating per contact max. 8 A

#### Diagnostics

Status indication LED green

#### Device protection | Electrical

|                                        |                     |
|----------------------------------------|---------------------|
| Degree of protection (EN IEC 60529)    | IP68                |
| Additional condition protection degree | inserted, screwed   |
| Pollution Degree                       | 2                   |
| Rated surge voltage                    | 0,8 kV              |
| Material group (IEC 60664-1)           | III                 |
| Additional suppressor                  | free-wheeling diode |

#### 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                     | 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                                                 |
| 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          | 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                                        |