

**Valve plug MDC06-2s short LED with cable**

PUR 2x0.75 bk 2,5m

Xtreme - Outdoor

Male straight

Further cable lengths on request.

12...24 V DC

2-pole

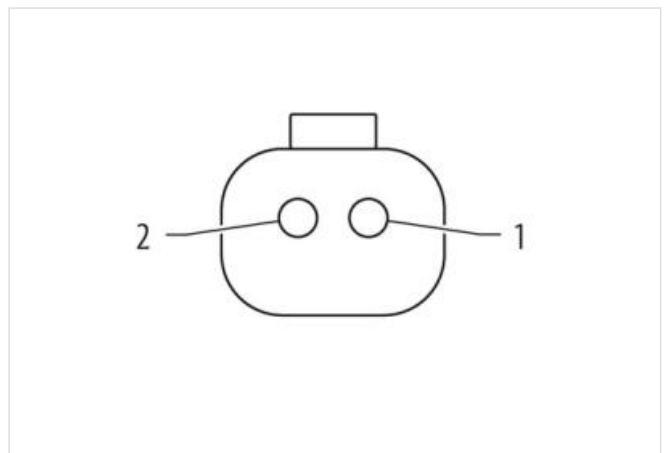
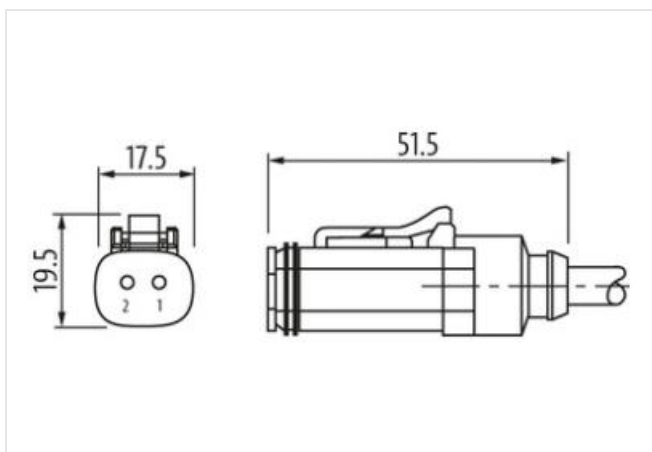
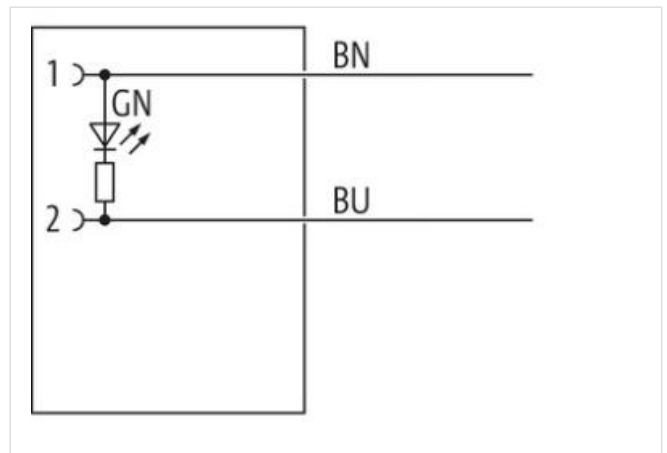
LED

Compatible with:

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.

**Link to Product****Illustration**

Product may differ from Image



Cable length 2,5 m

#### Side 1

|   |               |
|---|---------------|
| Mounting method                           | inserted      |
| Coating contact                           | nickel plated |
| Family construction form                  | MDC           |
| suitable for corrugated tube (internal Ø) | 10 mm         |
| Material contact                          | Copper alloy  |
| No. of poles                              | 2             |

#### Side 2

Stripping length (jacket) 20 mm

#### Commercial data

|                       |               |
|-----------------------|---------------|
| 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      |
| customs tariff number | 85444290      |
| GTIN                  | 4065909031834 |
| Packaging unit        | 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

#### Installation | Connection

|                           |                  |
|---------------------------|------------------|
| Stripping length (jacket) | 20 mm            |
| Family construction form  | Amphenol AT06-2S |

#### Device protection | Electrical

|                                       |                    |
|---------------------------------------|--------------------|
| Degree of protection (ISO 20653:2013) | IP66K, IP68, IP69K |
| 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 |

#### Installation | Cable

|                      |       |
|----------------------|-------|
| Cable identification | 750   |
| Jacket Color         | black |

|   |  |
|---|--|
| Amount stranding  | 1  |
| Stranding   | 2 wires twisted                                      |
| Stranding factor min.                                   | 75 mm  |
| Stranding factor max.                                   | 75 mm  |
| wire arrangement  | brown, blue  |
| Cable weight  | 48,4 g/m   |
| Material jacket   | PUR  |
| Shore hardness jacket                                   | 85 Shore A   |
| Freedom from ingredients (jacket)                       | lead-free, CFC-free                                  |
| Outer-diameter (jacket)                                 | 5,9 mm   |
| Tolerance outer diameter (sheath)                       | ± 5 %  |
| Material inner jacket                                   | PVC  |
| Color (inner jacket)                                    | gray   |
| Material wire insulation                                | PVC  |
| Amount wires  | 2  |
| Outer diameter insulation                               | 2 mm   |
| Outer diameter tolerance core insulation                | ± 5 %  |
| Shore hardness wire insulation                          | 92 Shore A   |
| Ingredient freeness wire insulation                     | lead-free, CFC-free                                  |
| Amount strands (wire)                                   | 24   |
| Diameter of single wires                                | 0,2 mm   |
| Conductor crosssection (wire)                           | 0,75 mm <sup>2</sup>                                 |
| Material conductor wire                                 | Stranded copper wire, bare                           |
| Conductor type (wire)                                   | Strand class 5                                       |
| 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                                      |
| Nominal voltage power AC max.                           | 300 V  |
| Power frequency withstand voltage power (wire - jacket) | 2 kV @ 60 s  |
| AC withstand voltage power (wire - wire)                | 2 kV @ 60 s  |
| Min. operating temperature (static)                     | -40 °C   |
| Max. operating temperature (fixed)                      | 80 °C  |
| Operating temperature min. (dynamic)                    | -5 °C  |
| Operating temperature max. (dynamic)                    | 80 °C  |
| UV resistance   | DIN EN ISO 4892-2 A                                  |
| Flame resistance  | UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090  |
| chemical resistance                                     | Good, application-related testing                    |
| Gasoline resistance                                     | Good, application-related testing                    |
| Oil resistance  | Good, application-related testing   DIN EN 60811-404 |
| Bending radius (dynamic)                                | 15 x Outer diameter                                  |