

### Valve plug MDC06-2s LED with cable

PUR 2x0.75 ye UL/CSA+drag chain 0,3m

Xtreme - Outdoor

Further cable lengths on request.

Male straight

12...30 V AC/DC

2-pole

LED (yellow)

Compatible with:

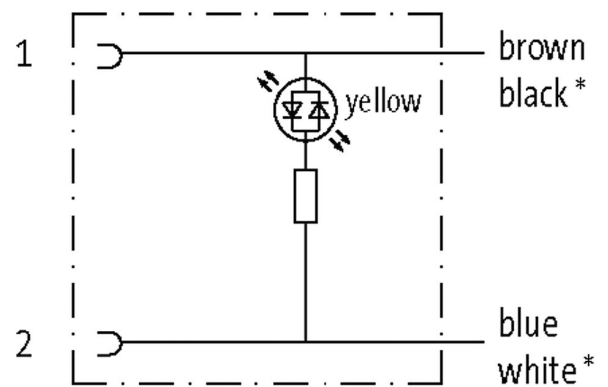
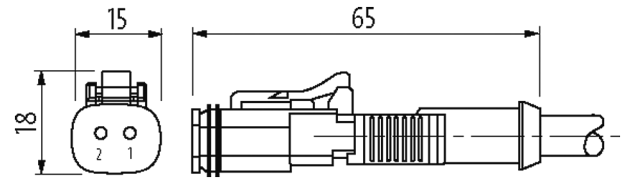
Deutsch DT06-2S

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.

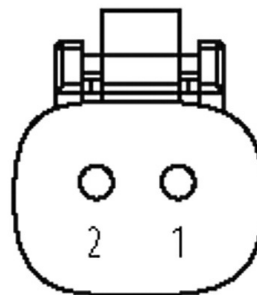
### [Link to Product](#)

#### Illustration



\* for cable type (740)

Male  
female contacts



Product may differ from Image

| Form                          |                             |
|-------------------------------|-----------------------------|
| Form                          | 72021                       |
| Technical Data                |                             |
| Operating voltage             | 12...30 V AC/DC             |
| Rated surge voltage           | 0.8 kV                      |
| Operating current per contact | max. 4 A                    |
| Material group                | IEC 60664-1, category I     |
| LED display                   | yellow                      |
| Locking of ports              | Snap-in connector           |
| Protection                    | IP68 inserted and tightened |
| Material                      | PA                          |

|   |  |
|---|--|
| suitable for corrugated tube (internal Ø) | 11 mm  |
| Housing                                   | Amphenol AT06-2S or Deutsch DT06-2S  |
| <b>General data</b>                       |  |
| Pollution Degree                          | 3  |
| Temperature range                         | -25...+85 °C, depending on cable quality   |
| Material (gasket)                         | Silicon  |
| Stripping length (jacket)                 | 20 mm  |
| <b>Cables</b>                             |  |
| No./diameter of wires                     | 2× 0.75 mm <sup>2</sup>  |
| Wire isolation                            | PP (br, bl)  |
| C-track properties                        | 10 Mio.  |
| Material (jacket)                         | PUR (UL/CSA)   |
| Outer Ø                                   | 5.0 mm ±5%   |
| Bend radius (moving)                      | 10× outer Ø  |
| Temperature range (fixed)                 | -40...+80 °C   |
| Temperature range (mobile)                | -25...+80 °C   |
| Cable identification                      | 145  |
| Cable Type                                | 3 (PUR)  |
| Approval (cable)                          | cURus (AWM-Style 20549/10493); CE conform  |
| Cable weight [g/m]                        | 40,70  |
| Material (wire)                           | Cu wire, bare  |
| Resistor (core)                           | max. 26 Ω/km (20 °C)   |
| Single wire Ø (core)                      | 0.15 mm  |
| Construction (core)                       | 42× 0.15 mm (multi-strand wire class 6)  |
| Diameter (core)                           | 2× 0.75 mm <sup>2</sup>  |
| AWG                                       | similar to AWG 18  |
| Material (wire isolation)                 | PP   |
| Material property (wire isolation)        | CFC-, halogen-, cadmium-, silicone- and lead-free  |
| Shore hardness (wire isolation)           | 70 ±5 D  |
| Wire-Ø incl. isolation                    | 1.7 mm ±5%   |
| Color/numbering of wires                  | br, bl   |
| Stranding combination                     | 2 wires twisted  |
| Shield                                    | no   |
| Material (jacket)                         | PUR  |
| Material property (jacket)                | CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant |
| Shore hardness (jacket)                   | 90 ±5 A  |
| Outer-Ø (jacket)                          | 5.0 mm ±5%   |
| Color (jacket)                            | yellow   |
| chemical resistance                       | good resistance to oil, gasoline and chemicals (EN 60811-404)  |
| thermal resistance                        | flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2  |
| Nominal voltage                           | 300 V AC   |
| Test voltage                              | 2500 V AC  |
| Current load capacity                     | to DIN VDE 0298-4  |
| Temperature range (fixed)                 | -40...+80 °C, (+90 °C at max. 10 000 operating hours)  |
| Temperature range (mobile)                | -25...+80 °C, (+90 °C at max. 10 000 operating hours)  |
| Bend radius (fixed)                       | 5× outer Ø   |
| Bend radius (moving)                      | 10× outer Ø  |
| No. of bending cycles (C-track)           | max. 10 Mio. (25 °C)   |

|                        |                          |
|------------------------|--------------------------|
| Travel speed (C-track) | max. 3 m/s               |
| Acceleration (C-track) | max. 10 m/s <sup>2</sup> |
| Torsion stress         | ±180°/m                  |
| No. of torsion cycles  | max. 2 Mio. (25 °C)      |
| Torsion speed          | 35 cycles/min            |
| Jacket Color           | yellow                   |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879505208 |
| eClass                | 27279218      |
| Packaging unit        | 1             |