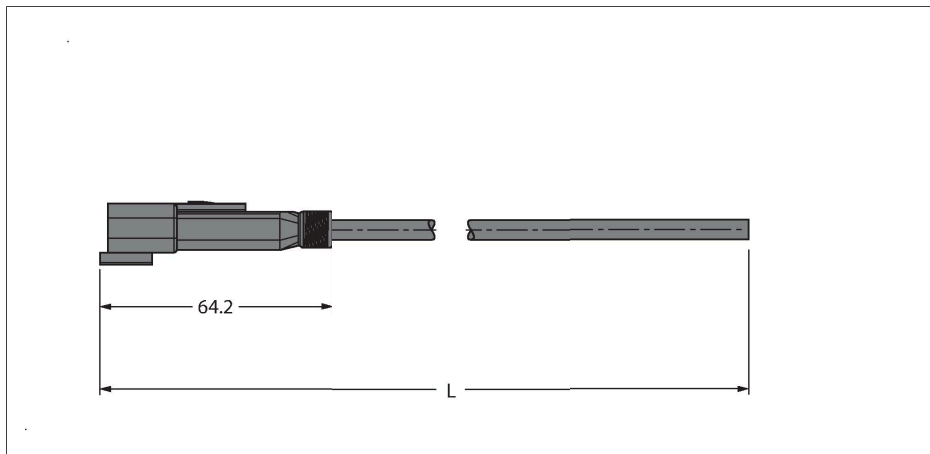


# DT04-2PG-S-2/TXL

## Deutsch Connector – Connection Cable



### Features

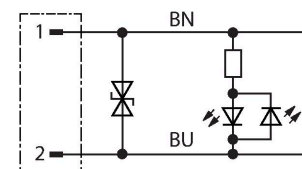


- Deutsch connector DT04, straight, 2-pin
- With M12 × 1 thread for thermowell
- With protective circuitry (suppressor diode)
- With LED (yellow, 360° visible)
- Jacket material: TPE-U (PUR)
- Jacket color: black, similar to RAL 9005
- Qualified for drag chain use
- Flame-retardant acc. to cULus 20549
- Halogen-free acc. DIN VDE 0472 part 815
- Approval: cULus
- RoHS-compliant
- Protection classes IP67/IP69K
- Cable length: 2.0 m

### Contact assignment



### Circuit Diagram



### Technical data

|   |                              |
|---|------------------------------|
| Type                                      | DT04-2PG-S-2/TXL             |
| ID  | 100000246                    |
| Connector A                               | Male, Deutsch DT, Straight   |
| Number of Pins                            | 2                            |
| Contacts                                  | Brass, CuZn, Nickel-plated   |
| Contact carriers                          | Plastic, Thermoplast, Yellow |
| Connector body                            | Plastic, TPU, UL 94, Black   |
| Protective component                      | Suppressor diode             |
| Coupling nut/screw                        | Nickel-plated                |
| Seal                                      | Plastic, Silicone            |
| Display operating voltage                 | LED, Yellow                  |
| Mechanical lifespan                       | > 100 Mating cycles          |
| Protection class                          | IP67, IP69K, (plugged)       |
| <b>Cable</b>                              |                              |
| Cable diameter                            | Ø 5 mm ±0.15                 |
| Cable length                              | 2 m                          |
| Cable jacket                              | PUR, Black                   |
| Core insulation                           | PP                           |
| Core cross-section                        | 2 x 0.75 mm <sup>2</sup>     |
| Arrangement of strands                    | 42 x 0.15 mm                 |
| Core colors                               | BN, BU                       |
| <b>Electrical properties at +20 °C</b>    |                              |
| Rated voltage                             | 24 V                         |
| Test voltage                              | 3000 V                       |
| Current                                   | 8 A                          |
| <b>Mechanical and chemical properties</b> |                              |
| Bending radius (stationary installation)  | ≥ 5 x Ø                      |

## Technical data

|  |                              |
|--|------------------------------|
| Bending radius (flexible use)          | $\geq 10 \times \varnothing$ |
| Bending cycles                         | $\geq 4$ million             |
| Admissible acceleration                | max. 10 m/s <sup>2</sup>     |
| Admissible traversing speed            | 3.33 m/s                     |
| Ambient temperature range (stationary) | -40 °C...+80 °C              |
| Ambient temperature range (In motion)  | -25 °C...+80 °C              |
| Approvals                              | CE<br>UKCA                   |