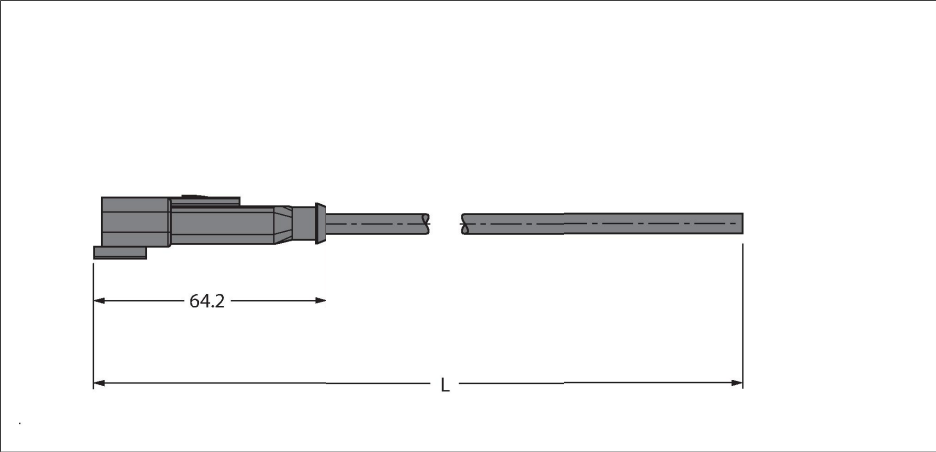


# DT04-2P-S-10/TXL

## Deutsch Connector – Connection Cable



### Technical data

|                                          |                              |
|------------------------------------------|------------------------------|
| Type                                     | DT04-2P-S-10/TXL             |
| ID                                       | 100000245                    |
| 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)       |
| Cable                                    |                              |
| Cable diameter                           | Ø 5 mm ±0.15                 |
| Cable length                             | 10 m                         |
| Cable jacket                             | PUR, Black                   |
| Core insulation                          | PP                           |
| Core cross-section                       | 2 x 0.75 mm²                 |
| Arrangement of strands                   | 42 x 0.15 mm                 |
| Core colors                              | BN, BU                       |
| Electrical properties at +20 °C          |                              |
| Rated voltage                            | 24 V                         |
| Test voltage                             | 3000 V                       |
| Current                                  | 8 A                          |
| Mechanical and chemical properties       |                              |
| Bending radius (stationary installation) | ≥ 5 x Ø                      |

### Features

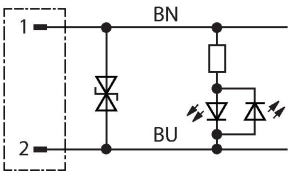


- Deutsch connector DT04, straight, 2-pin
- With protective circuitry (suppressor diode)
- With LED (yellow, 360° visible)
- Jacket material: TPE-U (PUR)
- Jacket color: black, similar to RAL 7021
- Suitable for drag chain use
- Flame retardant
- Halogen free acc. to DIN VDE 0472 part 815
- RoHS compliant
- Protection classes IP67 and IP69K
- Cable length: 10 m

### Contact assignment



### Circuit Diagram



## 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...+80 °C                 |
| Ambient temperature range (In motion)  | -25...+80 °C                 |