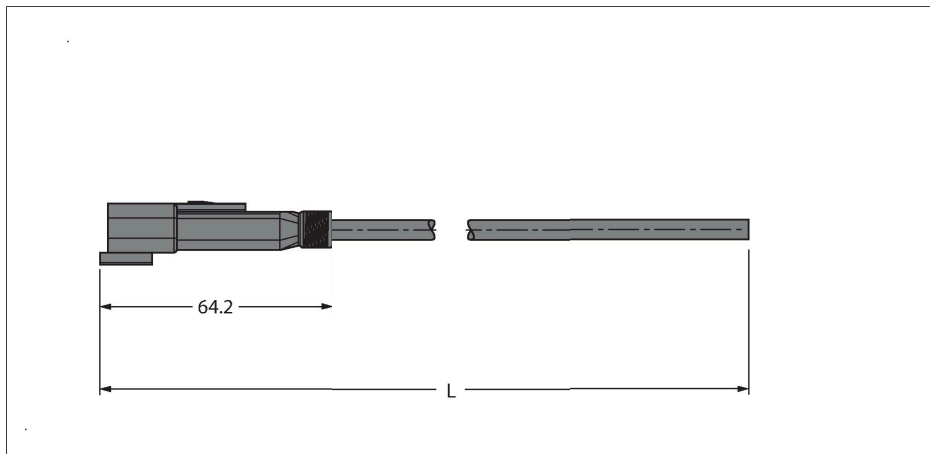


# DT04-2PG-A-5/TXL

## Deutsch Connector – Connection Cable



### Features

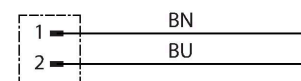


- Deutsch connector DT04, straight, 2-pin
- With M12 × 1 thread for thermowell
- Jacket material: TPE-U (PUR)
- Jacket color: black, similar to RAL 7021
- Suitable for drag chain use
- Flame retardant
- Halogen free acc. to DIN VDE 0472 part 815
- RoHS compliant
- Protection classes IP67 and IP69K
- Cable length: 5.0 m

### Contact assignment



### Circuit Diagram



### Technical data

|   |                              |
|---|------------------------------|
| Type                                      | DT04-2PG-A-5/TXL             |
| ID  | 100000389                    |
| 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   |
| Coupling nut/screw                        | Nickel-plated                |
| Seal                                      | Plastic, Silicone            |
| Mechanical lifespan                       | > 100 Mating cycles          |
| Protection class                          | IP67, IP69K, (plugged)       |
| <b>Cable</b>                              |                              |
| Cable diameter                            | Ø 5 mm ±0.15                 |
| Cable length                              | 5 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                             | 230 V                        |
| Test voltage                              | 3000 V                       |
| Current                                   | 8 A                          |
| <b>Mechanical and chemical properties</b> |                              |
| Bending radius (stationary installation)  | ≥ 5 x Ø                      |
| Bending radius (flexible use)             | ≥ 10 x Ø                     |
| Bending cycles                            | ≥ 4 million                  |

## Technical data

|  |                          |
|--|--------------------------|
| 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             |