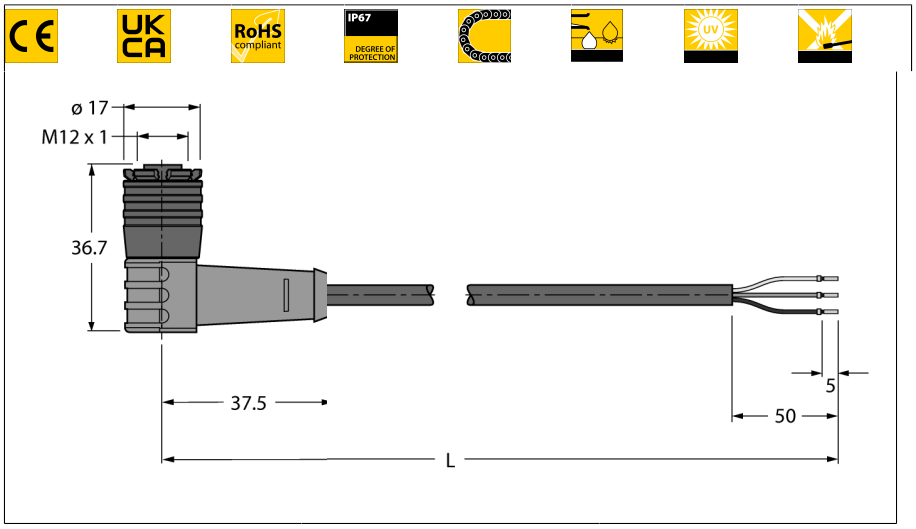
# Actuator and Sensor Cable, PUR
# Quick-turn Connection Cable
# WKC4Q-2/TXL



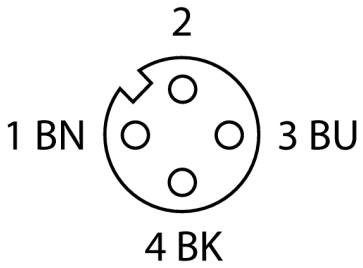

- Female M12, angled, 3-pin
- Sheath material: PUR
- Sheath color: black
- Qualified for drag chain use
- Resistant to weld splatter
- Resistant to chemicals, UV radiation and oils
- Flame retardant
- Free from halogen, silicone, PVC and LABS
- Particularly resistant to abrasion
- RoHS conform
- Protection class IP67
- Cable length: 2.0 m

| | |
|---|---|
| Type | WKC4Q-2/TXL |
| ID | 6628013 |

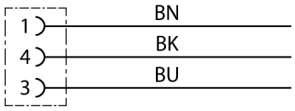
| | |
|---|---|
| Connector A | Female, M12 × 1, Angled, A-coded |
| Number of Pins | 3 |
| Contact carriers | Plastic, TPU, Black |
| Connector body | Plastic, TPU, Yellow |
| Interlocking sleeve | Plastic, PBT, black |
| Mechanical lifespan | > 50 Mating cycles |
| Pollution degree | 3 |
| Protection class | IP67, (plugged) |

| Cable | |
|---|---|
| Cable diameter | Ø 4.3mm ±0.20 |
| Cable length | 2 m m |
| Cable jacket | PUR, Black |
| Core insulation | PP |
| Core cross-section | 3 x 0.34 mm² |
| Arrangement of strands | 42 x 0.1mm |
| Core colors | BN, BU, BK |

| Electrical properties at +20 °C | |
|---|---|
| Rated voltage | 250VV |
| Test voltage | 2000 V |
| Current | 4AA |
| Insulation resistance | > 30.5 MΩ/km |
| forward resistance | max. 57 Ω/km |




**Circuit Diagram**

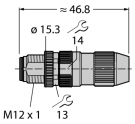
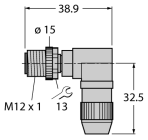
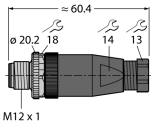
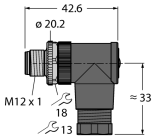
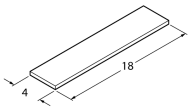



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| Mechanical and chemical properties | |
|---|---|
| Bending radius (stationary installation) | ≥ 5 x Ø |
| Bending radius (flexible use) | ≥ 10 x Ø |
| Bending cycles | ≥ 5 million |
| Admissible acceleration | max. 5 m/s² |
| Admissible travel path, horizontal | 5 m (at 5 m/s²) |
| Admissible travel path, vertical | 2 m (at 5 m/s²) |
| Admissible traversing speed | 3.3 m/s |
| Torsional stress | ±180°/m |
| Ambient temperature range (stationary) | -50°C…+80°C°C |
| Ambient temperature range (In motion) | -25°C…+80°C°C |
| Ambient temperature during drag chain operation | -25°C…+60°C°C |

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## Accessories

| Type code | Ident no. | | Dimension drawing |
|---|---|---|---|
| HAS8141-0 | 6905406 | Field-wireable male connector, M12 × 1, straight, 4-pin, insulation piercing connection, cable feedthrough 4.0 to 5.1 mm, core cross-section/terminal capacity 0.14 to 0.34 mm², plastic housing, metal nut |  |
| HAS8241-0 | 6905400 | Field-wireable male connector, M12 × 1, angled, 4-pin, insulation piercing connection, cable feedthrough 4.0 to 5.1 mm, core cross-section/terminal capacity 0.14 to 0.34 mm², plastic housing, metal nut |  |
| BS8141-0 | 69010 | Field-wireable male connector, M12 × 1, straight, 4-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, metal retaining screw |  |
| BS8241-0 | 69011 | Field-wireable connector, M12 × 1, angled, 4-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, metal retaining screw |  |
| BLANK-LABEL-FOR-CORDSETS-TEL-TXL | 6936206 | Label for TEL and TXL cables, length: 18 mm, height: 4 mm, material: polycarbonate (PC), color: white, halogen-free and flame-retardant |  |

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