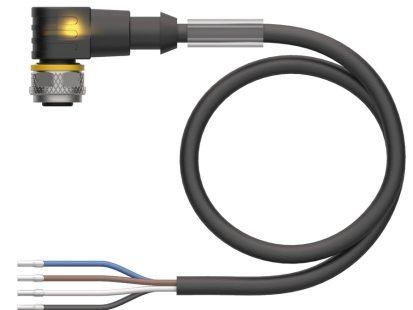
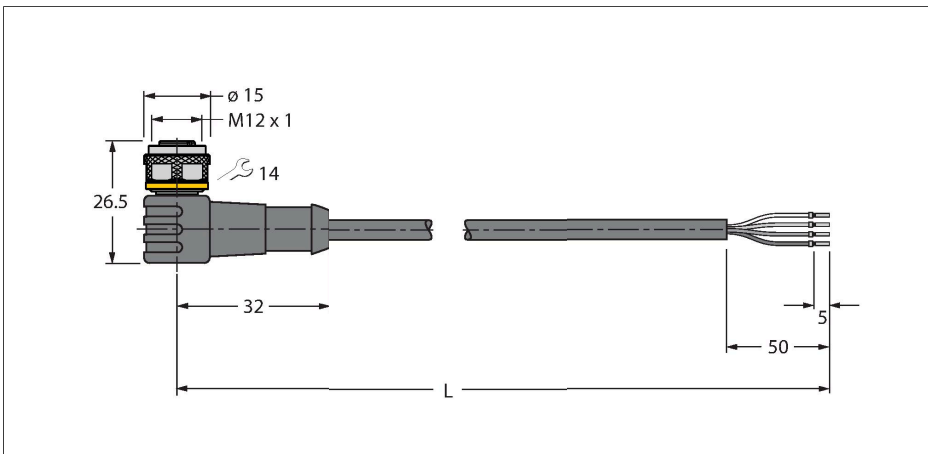


# WKC4.4T-P7X2-40/TEL

## Actuator and Sensor Cable, PVC – Connection Cable



### Technical data

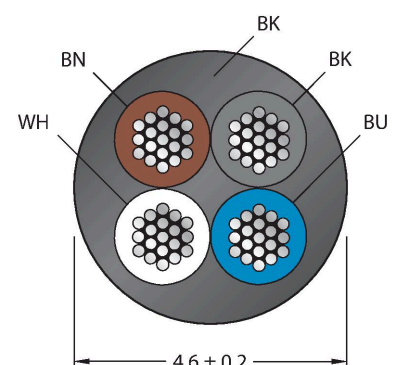
|                                        |                                        |
|----------------------------------------|----------------------------------------|
| Type                                   | WKC4.4T-P7X2-40/TEL                    |
| ID                                     | 6627227                                |
| Connector A                            | Female, M12 × 1, Angled, A-coded       |
| Number of Pins                         | 4                                      |
| Contacts                               | Brass, CuZn, Gold-plated               |
| Contact carriers                       | Plastic, TPU, Black                    |
| Connector body                         | Plastic, TPU, Translucent              |
| Coupling nut/screw                     | Brass, CuZn, Nickel-plated             |
| Seal                                   | Plastic, FPM/FKM                       |
| LED display                            | dual LED                               |
| Display operating voltage              | LED, Green                             |
| Display switch state                   | LED, Yellow                            |
| Mechanical lifespan                    | > 100 Mating cycles                    |
| Pollution degree                       | 3                                      |
| Protection class                       | IP67, IP69K, Only in screwed condition |
| <b>Cable</b>                           |                                        |
| Cable diameter                         | Ø 4.6 mm ±0.20                         |
| Cable length                           | 40 m                                   |
| Cable jacket                           | PVC, Black                             |
| Core insulation                        | PVC                                    |
| Core cross-section                     | 4 x 0.34 mm <sup>2</sup>               |
| Arrangement of strands                 | 42 x 0.1 mm                            |
| Core colors                            | BN, WH, BU, BK                         |
| <b>Electrical properties at +20 °C</b> |                                        |
| Rated voltage                          | 30 V <sub>DC</sub>                     |
| Test voltage                           | 2000 V                                 |
| Current                                | 4 A                                    |

### Features



- Female M12, angled, 4-pin
- With 2-color LED (PNP, yellow, green)
- Jacket material: PVC
- Jacket color: black
- Resistant to chemicals and oils
- Flame retardant
- Resistant to acids and alkaline solutions
- Resistant to microbes and hydrolysis
- LABS free
- Protection class: IP67, IP69K
- Cable length: 40 m

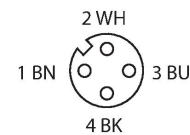
### Cable Cross-Section



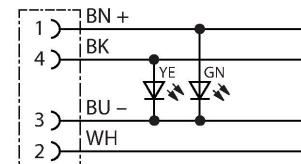
### Contact assignment

## Technical data

|                                           |               |
|-------------------------------------------|---------------|
| Insulation resistance                     | > 30.5 MΩ/km  |
| forward resistance                        | max. 57 Ω/km  |
| <b>Mechanical and chemical properties</b> |               |
| Bending radius (stationary installation)  | ≥ 5 x Ø       |
| Bending radius (flexible use)             | ≥ 10 x Ø      |
| Ambient temperature range (stationary)    | -40...+105 °C |
| Ambient temperature range (In motion)     | -5...+80 °C   |
| Approvals                                 | cULus         |



## Circuit Diagram



## Accessories

**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

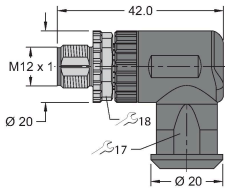
**FW-ERSPM0426-SA-P-0408** 100002048

Field-wireable male connector, M12 × 1, straight, 4-pin, push-in connection, cable feedthrough 4.0 to 8.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, metal retaining screw

**FW-ERSPM0416-SA-S-0408** 100002288

Field-wireable male connector, M12 × 1, straight, 4-pin, screw terminal connection, cable feedthrough 4.0 to 8.0 mm, core cross-section/terminal capacity 0.25 to 1.5 mm², plastic housing, metal retaining screw

FW-EWSPM0416-SA-S-0408 100002290

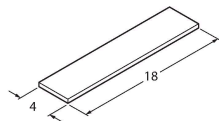


Field-wireable male connector, M12 × 1, angled, 4-pin, screw terminal connection, cable feedthrough 4.0 to 8.0 mm, core cross-section/terminal capacity 0.25 to 1.5 mm², plastic housing, metal retaining screw

TORQUE-WRENCH-SET-AS 6936170

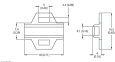
Torque wrench set; handles with adjustable torque 0.4-1.0 Nm, torque wrench for M8 (SW9), fork wrench for M12 (SW 14)

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

Accessories

| Dimension drawing                                                                   | Type                  | ID        |                                                                                                                                                                            |
|-------------------------------------------------------------------------------------|-----------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | LABEL-HOLDER-FLEX-PVC | 100048170 | PVC label holder for identification of extension cables (TEL/TXL product series); for cable diameters: min. 5 mm; dimensions 4 × 18 mm; delivery unit: 50 pcs. per package |