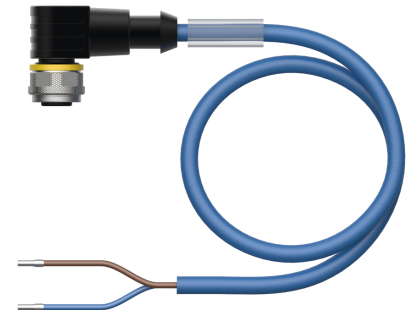
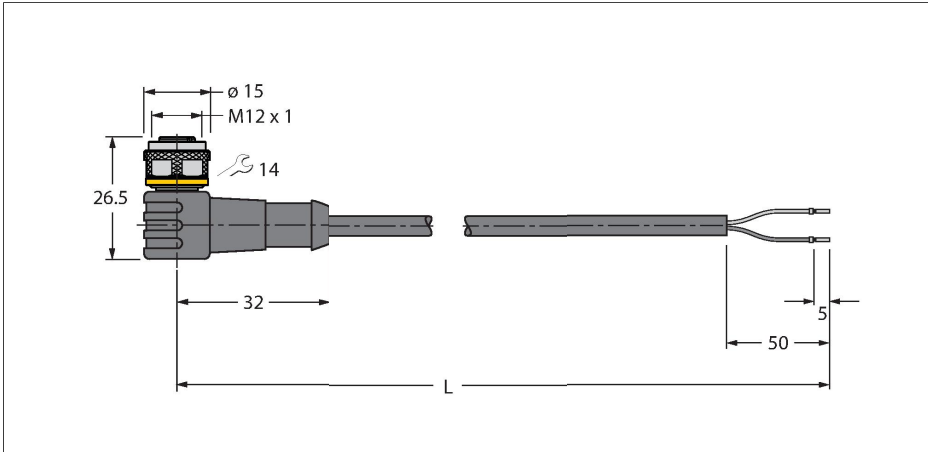


# WKC4.221T-5/TEB

## Actuator and Sensor Cable, PVC – Connection Cable



### Technical data

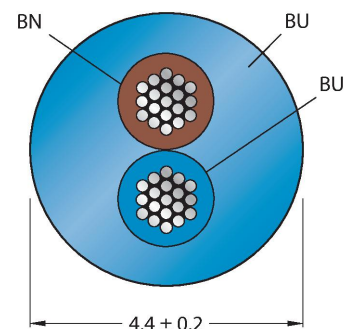
|                                        |                                        |
|----------------------------------------|----------------------------------------|
| Type                                   | WKC4.221T-5/TEB                        |
| ID                                     | 6628428                                |
| Connector A                            | Female, M12 × 1, Angled, A-coded       |
| Number of Pins                         | 2                                      |
| Contacts                               | Brass, CuZn, Gold-plated               |
| Contact carriers                       | Plastic, TPU, Black                    |
| Connector body                         | Plastic, TPU, Black                    |
| Coupling nut/screw                     | Brass, CuZn, Nickel-plated             |
| Seal                                   | Plastic, FPM/FKM                       |
| Mechanical lifespan                    | > 100 Mating cycles                    |
| Pollution degree                       | 3                                      |
| Protection class                       | IP67, IP69K, Only in screwed condition |
| <b>Cable</b>                           |                                        |
| Cable diameter                         | Ø 4.4 mm ±0.20                         |
| Cable length                           | 5 m                                    |
| Cable jacket                           | PVC, Blue                              |
| Core insulation                        | PVC                                    |
| Core cross-section                     | 2 x 0.5 mm <sup>2</sup>                |
| Arrangement of strands                 | 64 x 0.1 mm                            |
| Core colors                            | BN, BU                                 |
| <b>Electrical properties at +20 °C</b> |                                        |
| Rated voltage                          | 250 V                                  |
| Test voltage                           | 2000 V                                 |
| Current                                | 4 A                                    |
| Insulation resistance                  | > 30.5 MΩ/km                           |
| forward resistance                     | max. 57 Ω/km                           |
| Nom. capacitance                       | 0.89 pF/m                              |

### Features

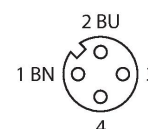


- Female M12, angled, 2-pin
- Jacket material: PVC
- Jacket color: blue
- Flame retardant
- Resistant to chemicals and oils
- Resistant to microbes and hydrolysis
- LABS free
- Protection class: IP67, IP69K
- Cable length: 5.0 m

### Cable Cross-Section



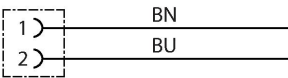
### Contact assignment



Technical data

|                                          |               |
|------------------------------------------|---------------|
| Nom. Inductance                          | 1.25 mH/km    |
| Mechanical and chemical properties       |               |
| 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)    | 0...+80 °C    |
| Approvals                                | cULus         |

Circuit Diagram



Accessories

|                                                                                                                       |         |                                                                                                                                         |         |
|-----------------------------------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------|---------|
| TORQUE-WRENCH-SET-AS                                                                                                  | 6936170 | BLANK-LABEL-FOR-CORDSETS-TEL-TXL                                                                                                        | 6936206 |
| Torque wrench set; handles with adjustable torque 0.4-1.0 Nm, torque wrench for M8 (SW9), fork wrench for M12 (SW 14) |         | 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 x 18 mm; delivery unit: 50 pcs. per package |
|                   |                       |           |                                                                                                                                                                            |