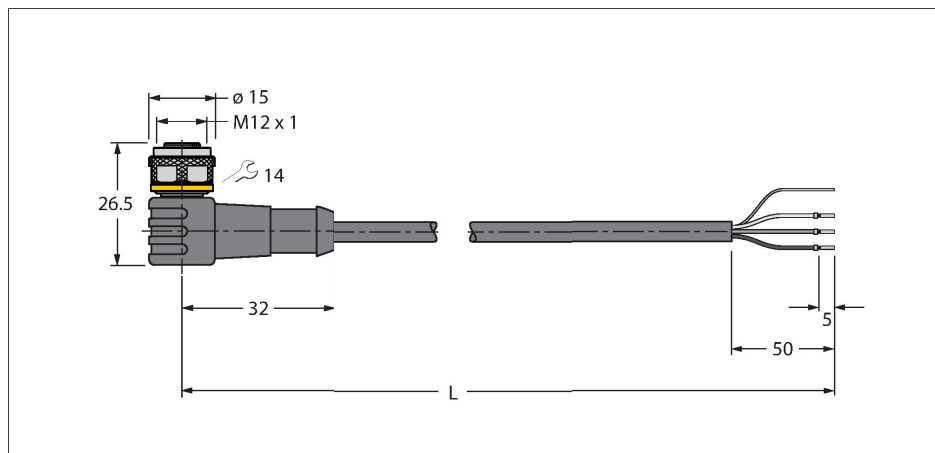


# WKS4T-P7X2-10/TEL

## Actuator and Sensor Cable, PVC – Connection Cable

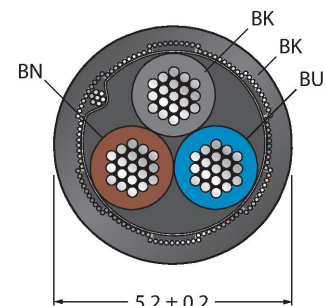


### Features

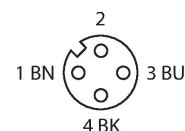


- Female M12, angled, 3-pin
- With 2-color LED (PNP, yellow, green)
- Jacket material: PVC, shielded
- Jacket color: black
- Resistant to chemicals and oils
- Flame retardant
- Resistant to acids and alkaline solutions
- Resistant to microbes and hydrolysis
- LABS free
- Protection class: IP67, IP69K
- Cable length: 10 m

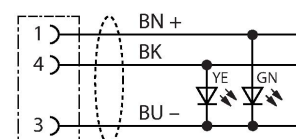
### Cable Cross-Section



### Contact assignment



### Circuit Diagram



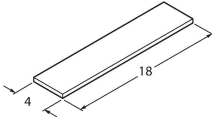
### Technical data

|                                 |                                        |
|---------------------------------|----------------------------------------|
| Type                            | WKS4T-P7X2-10/TEL                      |
| ID                              | 6628378                                |
| Connector A                     | Female, M12 × 1, Angled, A-coded       |
| Number of pins                  | 3                                      |
| 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 |
| Cable                           |                                        |
| Cable diameter                  | Ø 5.2 mm ±0.20                         |
| Cable length                    | 10 m                                   |
| Cable jacket                    | PVC, Black                             |
| Shielding                       | Aluminum foil, tinned copper wire      |
| Core insulation                 | PVC                                    |
| Core cross-section              | 3 x 0.34 mm <sup>2</sup>               |
| Arrangement of strands          | 42 x 0.1 mm                            |
| Core colors                     | BN, BU, BK                             |
| Electrical properties at +20 °C |                                        |
| Rated voltage                   | 30 V <sub>DC</sub>                     |
| Test voltage                    | 2000 V                                 |

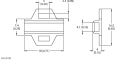
Technical data

|                                          |               |
|------------------------------------------|---------------|
| Current                                  | 4 A           |
| Insulation resistance                    | > 30.5 MΩ/km  |
| forward resistance                       | max. 57 Ω/km  |
| Mechanical and chemical properties       |               |
| Bending radius (stationary installation) | ≥ 5 x Ø       |
| Bending radius (flexible use)            | ≥ 10 x Ø      |
| Ambient temperature (fixed)              | -40...+105 °C |
| Ambient temperature (mobile)             | 0...+80 °C    |
| Approvals                                | cULus         |

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 × 18 mm; delivery unit: 50 pcs. per package |
|                                                                                     |                       |           |                                                                                                                                                                            |