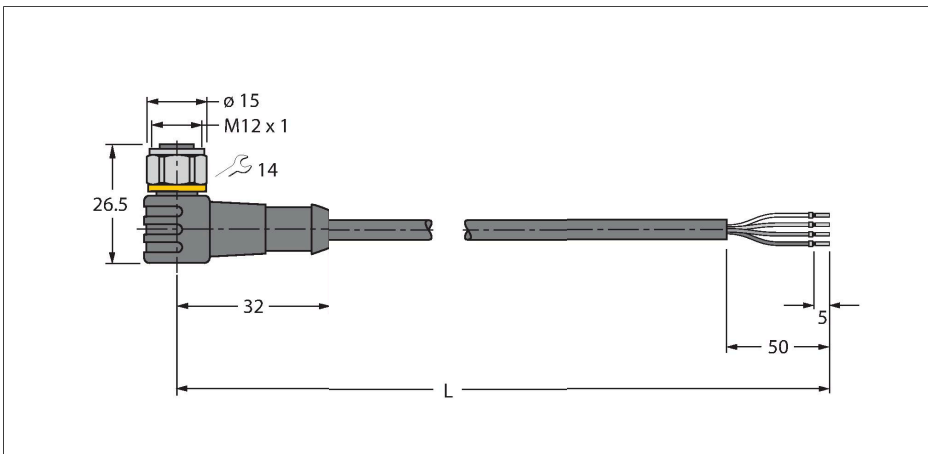


# WKCV4.4T-P7X2-15/TEL

## Actuator and Sensor Cable, PVC – Connection Cable

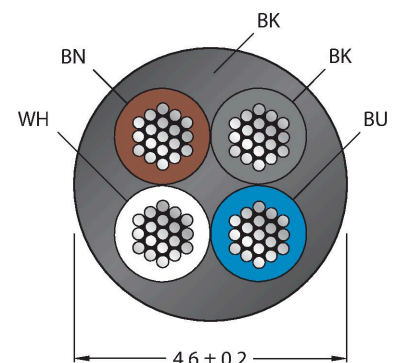


### Features

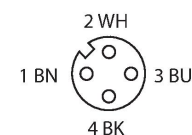


- Female M12, angled, 4-pin
- With 2-color LED (PNP, yellow, green)
- Stainless steel coupling nut/screw
- Jacket material: PVC
- Jacket color: black
- Resistant to chemicals and oils
- Flame retardant
- Resistant to acids and alkaline solutions
- Resistant to microbes and hydrolysis
- LABS free
- Protection class: IP67, IP69K
- Cable length: 15 m

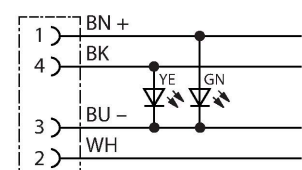
### Cable Cross-Section



### Contact assignment



### Circuit Diagram



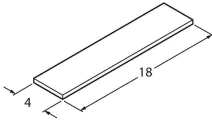
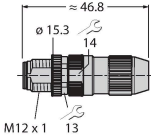
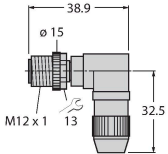
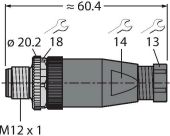
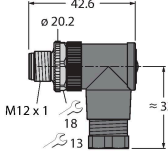
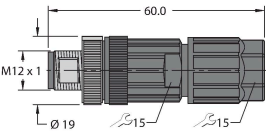
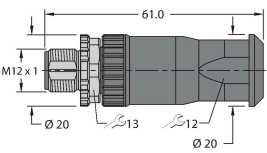
### Technical data

|                                 |                                        |
|---------------------------------|----------------------------------------|
| Type                            | WKCV4.4T-P7X2-15/TEL                   |
| ID                              | 6626217                                |
| 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              | Stainless Steel, V4A                   |
| 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 4.6 mm ±0.20                         |
| Cable length                    | 15 m                                   |
| Cable jacket                    | PVC, Black                             |
| Core insulation                 | PVC                                    |
| Core cross-section              | 4 x 0.34 mm²                           |
| Arrangement of strands          | 42 x 0.1 mm                            |
| Core colors                     | BN, WH, BU, BK                         |
| Electrical properties at +20 °C |                                        |
| Rated voltage                   | 30 V <sub>DC</sub>                     |
| Test voltage                    | 2000 V                                 |
| Current                         | 4 A                                    |

## Technical data

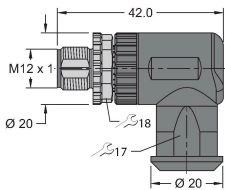
|                                           |               |
|-------------------------------------------|---------------|
| Insulation resistance                     | > 30.5 MΩ/km  |
| forward resistance                        | max. 57 Ω/km  |
| <b>Mechanical and chemical properties</b> |               |
| 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         |

## Accessories

|                                                                                     |  |                                                                                                                                                                                                                    |                                                                                      |  |                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>TORQUE-WRENCH-SET-AS</b>                                                         |  | <b>6936170</b>                                                                                                                                                                                                     | <b>BLANK-LABEL-FOR-CORDSETS-TEL-TXL</b>                                              |  | <b>6936206</b>                                                                                                                                                                                                    |
|                                                                                     |  | 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                                                                           |
|                                                                                     |  |                                                                                                                                                                                                                    |   |  |                                                                                                                                                                                                                   |
| <b>HAS8141-0</b>                                                                    |  | <b>6905406</b>                                                                                                                                                                                                     | <b>HAS8241-0</b>                                                                     |  | <b>6905400</b>                                                                                                                                                                                                    |
|  |  | 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        |  |  | 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         |
| <b>BS8141-0</b>                                                                     |  | <b>69010</b>                                                                                                                                                                                                       | <b>BS8241-0</b>                                                                      |  | <b>69011</b>                                                                                                                                                                                                      |
|  |  | 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 |  |  | 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       |
| <b>FW-ERSPM0426-SA-P-0408</b>                                                       |  | <b>100002048</b>                                                                                                                                                                                                   | <b>FW-ERSPM0416-SA-S-0408</b>                                                        |  | <b>100002288</b>                                                                                                                                                                                                  |
|  |  | 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        |  |  | 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 |

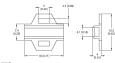
FW-EWSPM0416-SA-S-0408

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

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 |