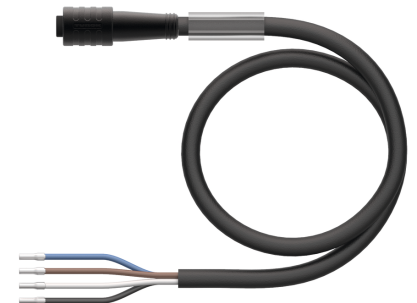
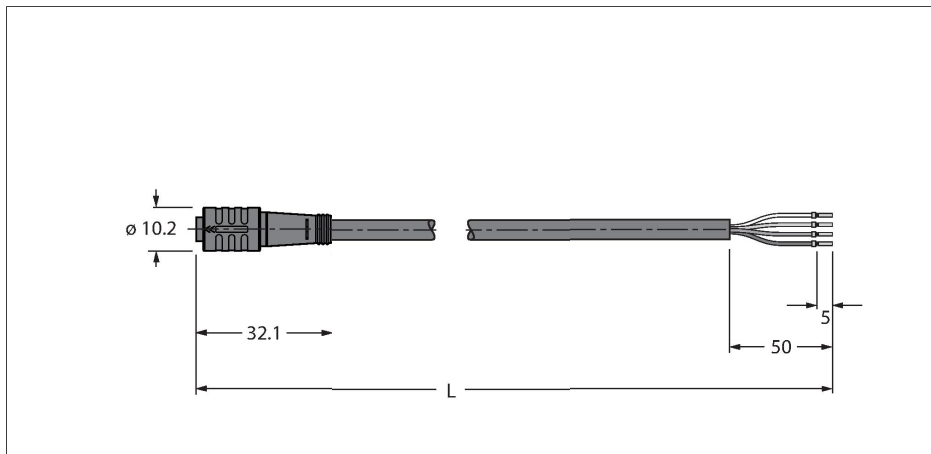


# PKG4Z-10/TEL

## Actuator and Sensor Cable, PVC – Connection Cable



### Technical data

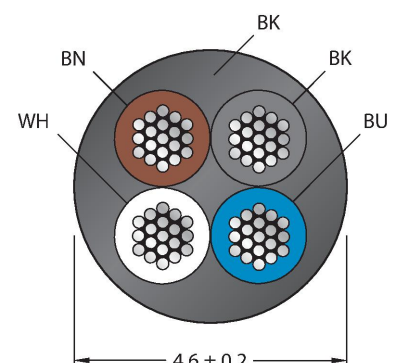
|                                        |                                                              |
|----------------------------------------|--------------------------------------------------------------|
| Type                                   | PKG4Z-10/TEL                                                 |
| ID                                     | 6627509                                                      |
| Connector A                            | Female, Ø 8 mm, Straight                                     |
| Number of Pins                         | 4                                                            |
| Contacts                               | Brass, CuZn, Gold-plated                                     |
| Contact carriers                       | Plastic, TPU, Black                                          |
| Connector body                         | Plastic, TPU, Black                                          |
| Seal                                   | Plastic, FPM/FKM                                             |
| Tightening torque (range)              | 0.5 ... 0.6 Nm<br>(observe max. torque of mating connector!) |
| Mechanical lifespan                    | > 100 Mating cycles                                          |
| Pollution degree                       | 3                                                            |
| Protection class                       | IP67, (plugged)                                              |
| <b>Cable</b>                           |                                                              |
| Cable diameter                         | Ø 4.6 mm ±0.20                                               |
| Cable length                           | 10 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                          | 50 V <sub>AC</sub> /60 V <sub>DC</sub>                       |
| Test voltage                           | 2000 V                                                       |
| Current                                | 4 A                                                          |
| Insulation resistance                  | > 30.5 MΩ/km                                                 |
| forward resistance                     | max. 57 Ω/km                                                 |

### Features



- Female Ø 8 mm, straight, 4-pin, snap-on, with pull-off protection
- Sheath material: PVC
- Sheath color: black
- Resistant to chemicals and oils
- Flame retardant
- Resistant to acids and alkaline solutions
- Resistant to microbes and hydrolysis
- LABS free
- RoHS conform
- Protection class IP67
- Cable length: 10 m

### Cable Cross-Section



### Contact assignment

Technical data

| 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)    | -5...+80 °C   |
| Approvals                                | cULus         |



Circuit Diagram



Accessories

TORQUE-WRENCH-SET-AS6936170

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-TXL6936206

Label for TEL and TXL cables, length: 18 mm, height: 4 mm, material: polycarbonate (PC), color: white, halogen-free and flame-retardant



HAS5141-06905403

Field-wireable male connector, M8 x 1, straight, 4-pin, insulation piercing connection, cable feedthrough 2.5 to 5.1 mm, core cross-section/terminal capacity 0.14 to 0.34 mm², plastic housing, metal nut

BS5143-06901013

Field-wireable male connector, M8 x 1, straight, 4-pin, screw terminal connection, cable feedthrough 3.5 to 5.0 mm, core cross-section/terminal capacity 0.14 to 0.50 mm², plastic housing, metal retaining screw

HS5141-06902730

Field-wireable male connector, M8 x 1, straight, 4-pin, pressfit technology, cable feedthrough 4.0 to 5.0 mm, core cross-section/terminal capacity 0.14 to 0.34 mm², plastic housing, metal nut

HS5241-06902830

Field-wireable male connector, M8 x 1, angled, 4-pin, pressfit technology, cable feedthrough 4.0 to 5.0 mm, core cross-section/terminal capacity 0.14 to 0.34 mm², plastic housing, metal nut

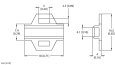
FW-PRSPM0420-SA-S-0406

100002295



Field-wireable male connector, M8 × 1, straight, 4-pin, screw terminal connection, cable feedthrough 4.0 to 5.5 mm, core cross-section/terminal capacity 0.14 to 0.5 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 |