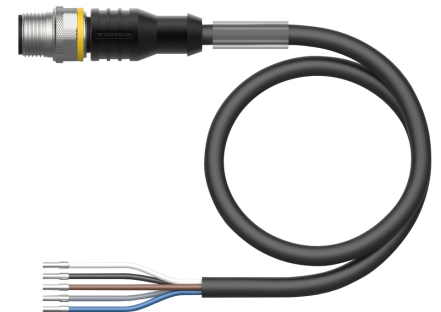
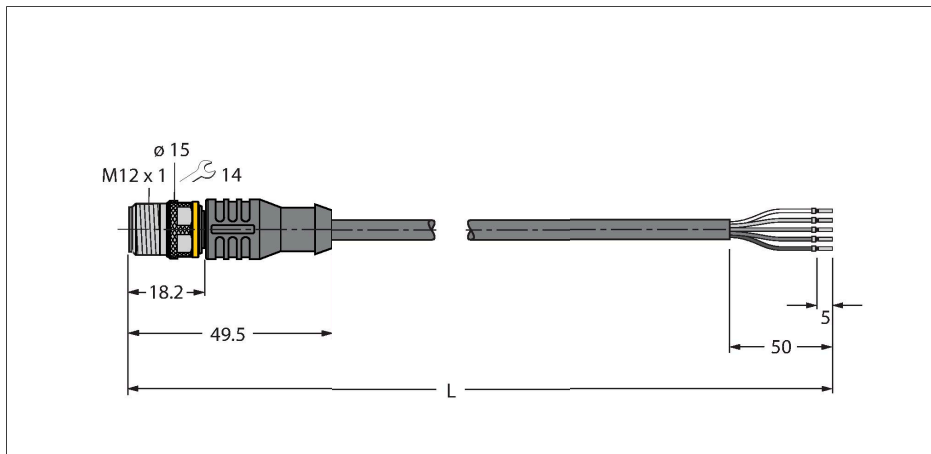


# RSC4.5T-5/TEL

## Actuator and Sensor Cable, PVC – Connection Cable



### Technical data

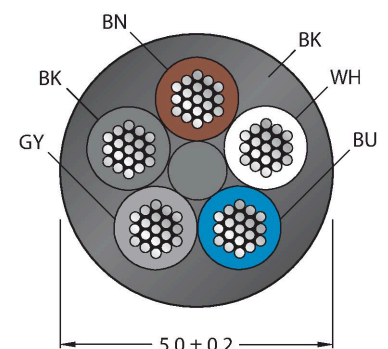
|                                           |                                        |
|-------------------------------------------|----------------------------------------|
| Type                                      | RSC4.5T-5/TEL                          |
| ID                                        | 6625041                                |
| Connector A                               | Male, M12 × 1, Straight, A-coded       |
| Number of Pins                            | 5                                      |
| Contacts                                  | Brass, CuZn, Gold-plated               |
| Contact carriers                          | Plastic, TPU, Black                    |
| Connector body                            | Plastic, TPU, Black                    |
| Coupling nut/screw                        | Brass, CuZn, Nickel-plated             |
| Mechanical lifespan                       | > 100 Mating cycles                    |
| Pollution degree                          | 3                                      |
| Protection class                          | IP67, IP69K, Only in screwed condition |
| <b>Cable</b>                              |                                        |
| Cable diameter                            | Ø 5 mm ±0.20                           |
| Cable length                              | 5 m                                    |
| Cable jacket                              | PVC, Black                             |
| Core insulation                           | PVC                                    |
| Core cross-section                        | 5 x 0.34 mm <sup>2</sup>               |
| Arrangement of strands                    | 42 x 0.1 mm                            |
| Core colors                               | BN, WH, BU, BK, GY                     |
| <b>Electrical properties at +20 °C</b>    |                                        |
| Rated voltage                             | 60 V                                   |
| Test voltage                              | 2000 V                                 |
| Current                                   | 4 A                                    |
| 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                                |

### Features

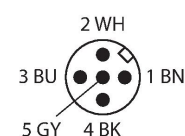


- Male M12, straight, 5-pin
- Jacket material: PVC
- Jacket color: black
- Resistant to chemicals and oils
- Flame retardant
- Resistant to acids and alkaline solutions
- Resistant to microbes and hydrolysis
- LABS free
- Protection class: IP67, IP69K
- Cable length: 5.0 m

### Cable Cross-Section



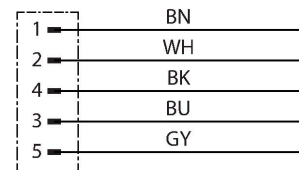
### Contact assignment



## Technical data

|                                        |                              |
|----------------------------------------|------------------------------|
| Bending radius (flexible use)          | $\geq 10 \times \varnothing$ |
| Ambient temperature range (stationary) | -40...+105 °C                |
| Ambient temperature range (In motion)  | -5...+80 °C                  |
| Approvals                              | cULus                        |

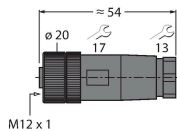
## Circuit Diagram



## Accessories

B8151-0

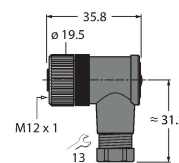
6904601



Field-wireable female connector, M12 × 1, straight, 5-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, plastic nut

B8251-0

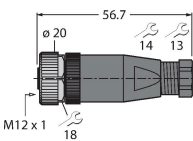
6904602



Field-wireable female connector, M12 × 1, angled, 5-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, plastic nut

BM8151-0

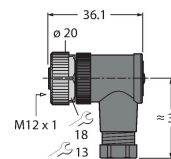
6935888



Field-wireable female connector, M12 × 1, straight, 5-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.25 to 0.75 mm², plastic housing, metal nut

BM8251-0

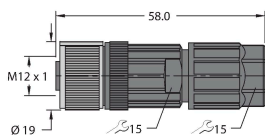
6935890



Field-wireable female connector, M12 × 1, angled, 5-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.25 to 0.75 mm², plastic housing, metal nut

FW-ERKPM0526-SA-P-0408

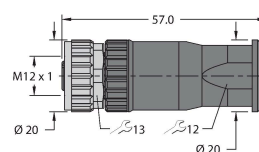
100002534



Field-wireable female connector, M12 × 1, straight, 5-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 coupling nut

FW-ERKPM0516-SA-S-0408

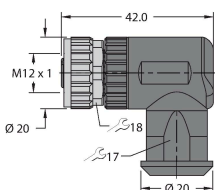
100002285



Field-wireable female connector, M12 × 1, straight, 5-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 nut

FW-EWKPM0516-SA-S-0408

100002287



Field-wireable female connector, M12 × 1, angled, 5-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 nut

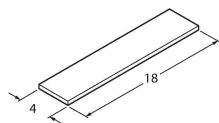
TORQUE-WRENCH-SET-AS

6936170

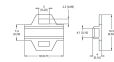
Torque wrench set; handles with adjustable torque 0.4-1.0 Nm, torque wrench for M8 (SW9), fork wrench for M12 (SW 14)

BLANK-LABEL-FOR-CORDSETS-TEL-TXL6936206

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 |