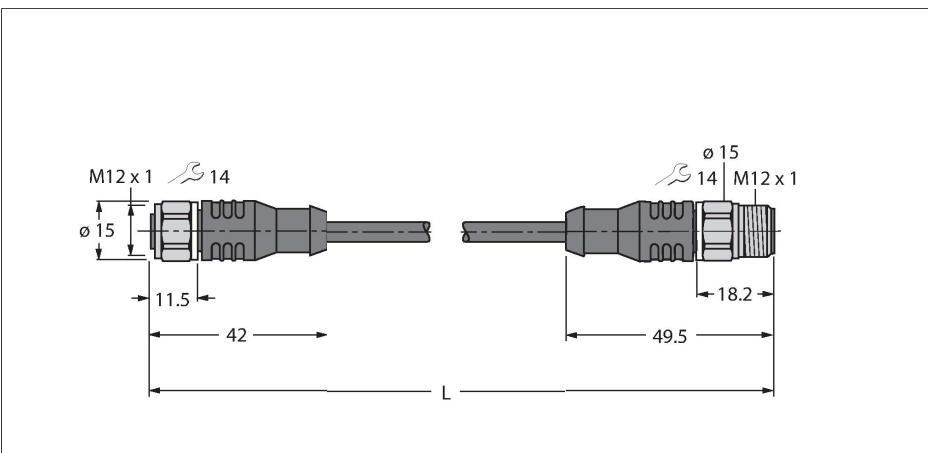


# RKCV4T-2-RSCV4T/TFW

## Actuator And Sensor Cable, PP-EPDM – Extension Cable

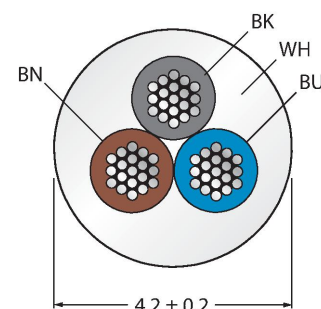


### Features

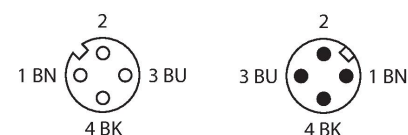


- M12 female connector, straight, 3-pin
- Stainless steel coupling nut/screw
- M12 male connector, straight, 3-pin
- Sheath material: PP-EPDM
- Sheath color: white
- Resistant to acids and alkaline solutions
- Resistant to detergents and disinfectants
- Resistant to hydrolysis acc. to DIN EN 60068-2-78
- Free from silicone and PVC
- Halogen-free acc. to DIN EN 50267-2-1, IEC 60754-1, VDE 0482-267-2-1
- Approvals: Ecolab, FDA
- RoHS and REACH compliant
- Protection classes IP67, IP69K
- Cable length: 2.0 m

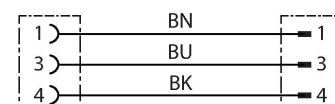
### Cable Cross-Section



### Contact assignment



### Circuit Diagram



### Technical data

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Type                         | RKCV4T-2-RSCV4T/TFW                                        |
| ID                           | 6933722                                                    |
| Connector A                  | Female, M12 × 1, Straight                                  |
| Number of pins               | 3                                                          |
| Contacts                     | Brass, CuZn, Gold-plated                                   |
| Contact carriers             | Plastic, PP, White                                         |
| Connector body               | Plastic, PP, White                                         |
| Coupling nut/screw           | Stainless Steel, V4A                                       |
| Seal                         | Plastic, FPM/FKM                                           |
| Tightening torque (range)    | 0.8 ... 1 Nm<br>(observe max. torque of mating connector!) |
| Mechanical lifespan          | > 100 Mating cycles                                        |
| Pollution degree             | 3                                                          |
| Protection class             | IP67, IP69K, Only in screwed condition                     |
| Connector B                  | Male, M12 × 1, Straight                                    |
| Number of Pins               | 3                                                          |
| Contacts                     | Brass, CuZn, Gold-plated                                   |
| Contact carriers             | Plastic, PP, White                                         |
| Connector body               | Plastic, TPU, White                                        |
| Coupling nut/retaining screw | Stainless Steel, V4A                                       |
| Tightening torque            | 0.8 ... 1 Nm (observe max. torque of mating connector!)    |
| Mechanical life              | > 100 Mating cycles                                        |
| Pollution degree             | 3                                                          |
| Protection class             | IP67, IP69K, Only when screwed together                    |
| Cable                        |                                                            |
| Cable diameter               | Ø 4.2 mm ±0.20                                             |

## Technical data

|                                          |                          |
|------------------------------------------|--------------------------|
| Cable length                             | 2 m                      |
| Cable jacket                             | PP-EPDM, White           |
| Core insulation                          | PE                       |
| 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                            | 250 V                    |
| Test voltage                             | 500 V                    |
| Current                                  | 4 A                      |
| 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               |

## Accessories

|                                                                                                                       |         |
|-----------------------------------------------------------------------------------------------------------------------|---------|
| 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) |         |