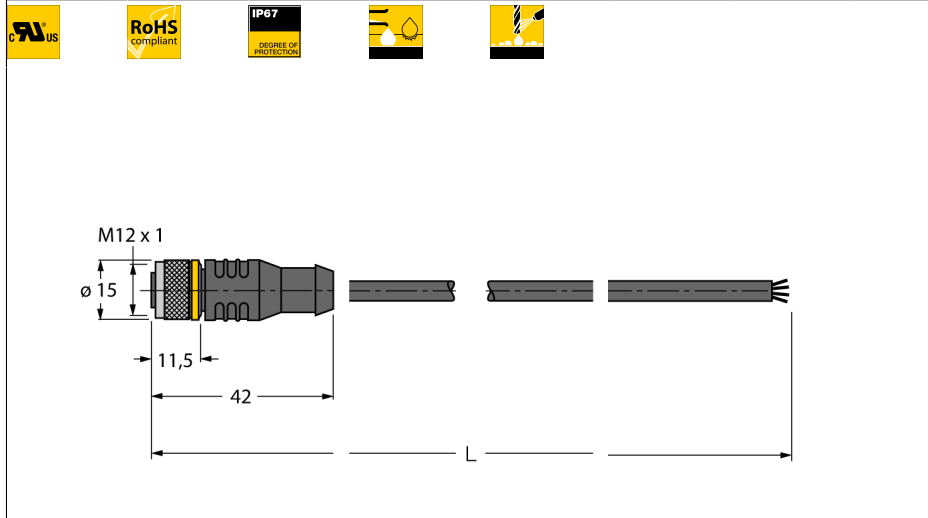
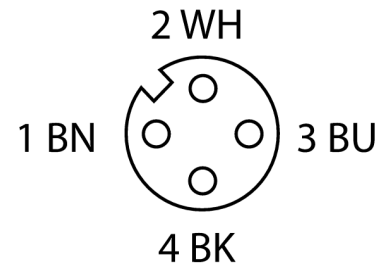


**Actuator/sensor cable, PVC  
connection cable  
RKC4.4T-2/TEL**

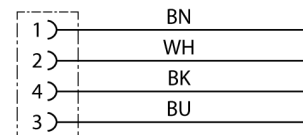


- Female M12, straight, 4-pin
- Sheath material: PVC
- Sheath color: black
- Resistant to chemicals and oils
- LABS-free
- Approval: cULus
- RoHS conform
- Protection class IP67
- Cable length: 2.0 m

**Pin assignment**



**circuit diagram**



|   |  |
|---|--|
| <b>Type code</b>                          | RKC4.4T-2/TEL  |
| Ident no.                                 | 6625013  |
| <b>Connector A side</b>                   | female connector, M12 x 1, straight                    |
| Number of pins                            | 4  |
| Contacts                                  | metal, CuZn, gold-plated                               |
| Contact carriers                          | plastic, TPU, black                                    |
| Grip                                      | plastic, TPU, black                                    |
| Coupling nut/screw                        | metal, CuZn, nickel-plated                             |
| Coupling nut/screw                        | metal  |
| Protection class                          | IP67, only in screwed state                            |
| Mechanical lifespan                       | > 100 mating cycles                                    |
| Pollution degree                          | 3  |
| Tightening torque                         | 0.8 ... 1 Nm<br>(observe max. value of counter piece!) |
| <b>General data</b>                       |  |
| Cable diameter                            | Ø 4.7 mm +/-0.20                                       |
| Cable length                              | 2 m  |
| Sheath color                              | PVC (black)  |
| Core insulation (colors)                  | PP (BN, WH, BU, BK)                                    |
| Core cross-section                        | 4x0.34mm <sup>2</sup>                                  |
| Litz wire arrangement                     | 42x0.1 mm  |
| <b>Electrical features at +20 °C</b>      |  |
| Rated current                             | 4 A  |
| Rated voltage [U <sub>max</sub> ]         | 250 V  |
| Insulation resistance                     | > 1 G.Ω x km   |
| Test voltage                              | 2000 V   |
| <b>Mechanical and chemical properties</b> |  |
| Static Bending Radius                     | > 5 x Ø  |
| Bending radius (flexible use)             | > 10 x Ø   |
| Ambient temperature<br>at rest            | -40 ... 105°C  |
| In moving state                           | 0 ... 80°C   |