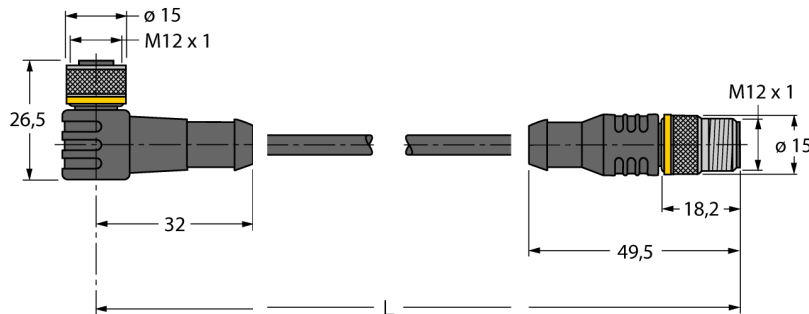


**Actuator/sensor cable, PVC  
extension cable  
WKC4.4T-P7X3-2-RSC4.4T/TEL**

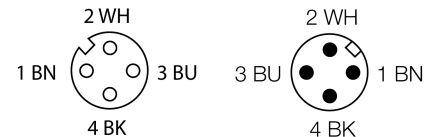
**TURCK**

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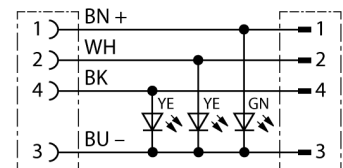


- Female M12, angled, 4-pin
- With 3-color LED (PNP, yellow, yellow, green)
- Male M12, straight, 4-pin
- Sheath material: PVC
- Sheath color: black
- Resistant to chemicals and oils
- LABS-free
- Approval: cULus
- RoHS conform
- Protection class IP67
- Cable length: 2.0 m

**Pin assignment**



**circuit diagram**



|                         |                                                        |
|-------------------------|--------------------------------------------------------|
| <b>Type code</b>        | WKC4.4T-P7X3-2-RSC4.4T/TEL                             |
| <b>Ident no.</b>        | 6626226                                                |
| <b>Connector A side</b> | female connector, M12 x 1, angled                      |
| Number of pins          | 4                                                      |
| Contacts                | metal, CuZn, gold-plated                               |
| Contact carriers        | plastic, TPU, black                                    |
| Grip                    | plastic, TPU, transparent                              |
| Coupling nut/screw      | metal, CuZn, nickel-plated                             |
| Coupling nut/screw      | metal                                                  |
| Protection class        | IP67, only in screwed state                            |
| Operating voltage       | LED green                                              |
| Display switch state    | LED yellow/yellow                                      |
| Mechanical lifespan     | > 100 mating cycles                                    |
| Pollution degree        | 3                                                      |
| Tightening torque       | 0.8 ... 1 Nm<br>(observe max. value of counter piece!) |
| <b>Connector B side</b> | male 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                             |
| Protection class        | IP67, only in screwed state                            |
| Mechanical lifespan     | > 100 contact durability                               |
| Pollution degree        | 3                                                      |
| Tightening torque       | 0.8 ... 1 Nm<br>(observe max. value of counter piece!) |

**General data**

|                          |                       |
|--------------------------|-----------------------|
| 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             |

**Electrical features at +20 °C**

|                                   |             |
|-----------------------------------|-------------|
| Rated current                     | 4 A         |
| Rated voltage [U <sub>max</sub> ] | 30 V        |
| Insulation resistance             | > 1 GΩ x km |
| Test voltage                      | 2000 V      |

**Actuator/sensor cable, PVC  
extension cable  
WKC4.4T-P7X3-2-RSC4.4T/TEL**

**TURCK**

Industrial  
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**Mechanical and chemical properties**

|                               |               |
|-------------------------------|---------------|
| Static Bending Radius         | > 5 x Ø       |
| Bending radius (flexible use) | > 10 x Ø      |
| Ambient temperature           |               |
| at rest                       | -40 ... 105°C |
| In moving state               | 0 ... 80°C    |