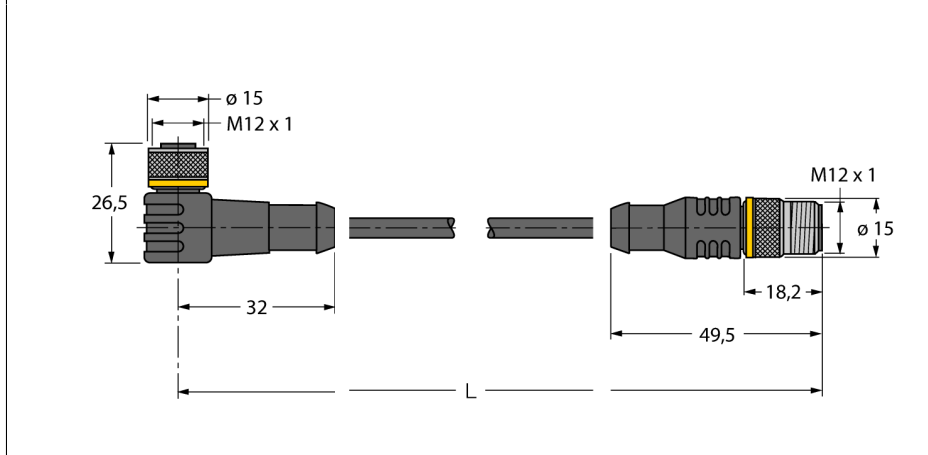
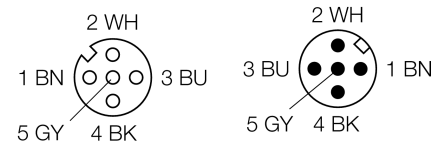


**Actuator/sensor cable, PVC  
extension cable  
WKC4.5T-0,6-RSC4.5T/TEL**



- Female M12, angled, 5-pin
- Male M12, straight, 5-pin
- Sheath material: PVC
- Sheath color: black
- Resistant to chemicals and oils
- LABS-free
- Approval: cULus
- RoHS conform
- Protection class IP67
- Cable length: 0.6 m

**Pin assignment**



**circuit diagram**



**Type code** WKC4.5T-0,6-RSC4.5T/TEL  
**Ident no.** 6625242

**Connector A side**  
 Number of pins female connector, M12 x 1, angled 5  
 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  
 (observe max. value of counter piece!)

**Connector B side**  
 Number of pins male connector, M12 x 1, straight 5  
 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 contact durability  
 Pollution degree 3  
 Tightening torque 0.8 ... 1 Nm  
 (observe max. value of counter piece!)

**General data**  
 Cable diameter Ø 5.5 mm +/-0.20  
 Cable length 0.6 m  
 Sheath color PVC (black)  
 Core insulation (colors) PP (BN, WH, BU, BK, GY)  
 Core cross-section 5x0.34mm<sup>2</sup>  
 Litz wire arrangement 42x0.1 mm

**Electrical features at +20 °C**  
 Rated current 4 A  
 Rated voltage [U<sub>max</sub>] 60 V  
 Insulation resistance > 1 GΩ x km  
 Test voltage 2000 V

**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