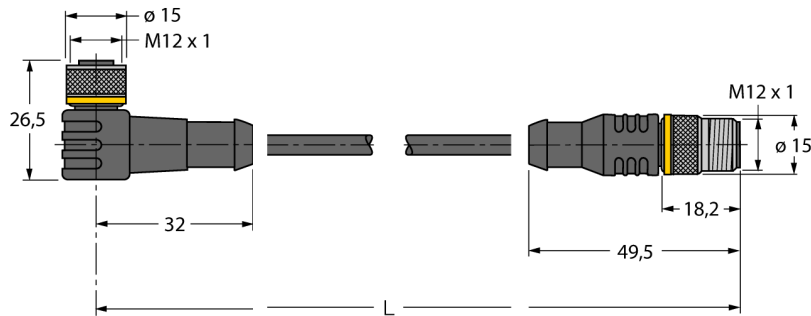


**Actuator/sensor cable, PVC
extension cable
WKC4.5T-5-RSC4.5T/TEL**

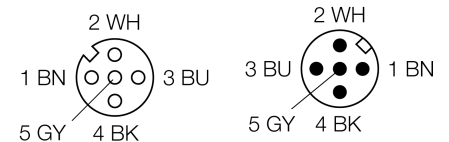
TURCK

Industrial
Automation



- 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: 5.0 m

Pin assignment



circuit diagram



Type code

Ident no.

WKC4.5T-5-RSC4.5T/TEL

6625445

Connector A side

Number of pins	female connector, M12 x 1, angled
Contacts	5
Contact carriers	metal, CuZn, gold-plated
Grip	plastic, TPU, black
Coupling nut/screw	plastic, TPU, black
Coupling nut/screw	metal, CuZn, nickel-plated
Protection class	metal
Mechanical lifespan	IP67, only in screwed state
Pollution degree	> 100 mating cycles
Tightening torque	3
	0.8 ... 1 Nm
	(observe max. value of counter piece!)

Connector B side

Number of pins	male connector, M12 x 1, straight
Contacts	5
Contact carriers	metal, CuZn, gold-plated
Grip	plastic, TPU, black
Coupling nut/screw	plastic, TPU, black
Coupling nut/screw	metal, CuZn, nickel-plated
Protection class	metal
Mechanical lifespan	IP67, only in screwed state
Pollution degree	> 100 contact durability
Tightening torque	3
	0.8 ... 1 Nm
	(observe max. value of counter piece!)

General data

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

Electrical features at +20 °C

Rated current	4 A
Rated voltage [Umax]	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