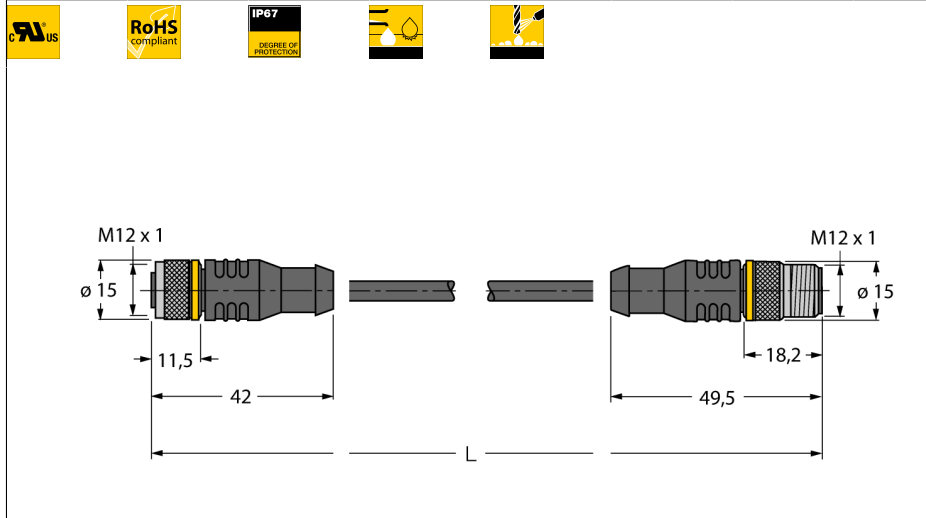
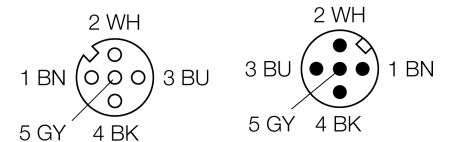


**Actuator/sensor cable, PVC
extension cable
RKC4.5T-0,6-RSC4.5T/TEL**



- Female M12, straight, 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	RKC4.5T-0,6-RSC4.5T/TEL
Ident no.	6625210
Connector A side	
Number of pins	female 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 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
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 ²
Litz wire arrangement	42x0.1 mm
Electrical features at +20 °C	
Rated current	4 A
Rated voltage [U _{max}]	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