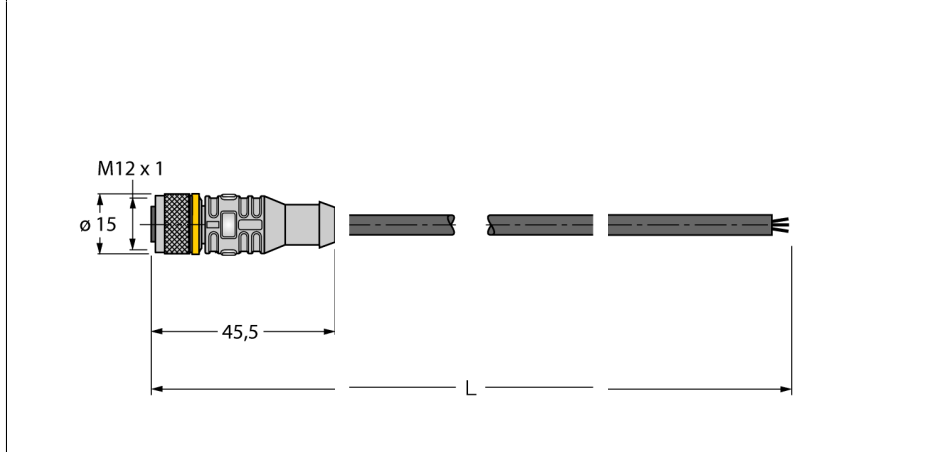
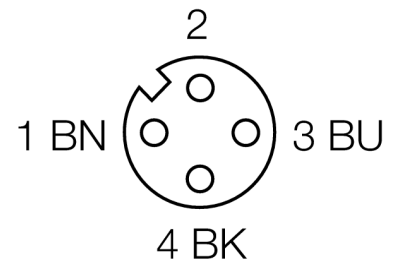


**Actuator/sensor cable, PVC  
connection cable  
RKC4T-P7X2-2/TEL**



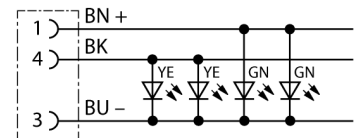
- Female M12, straight, 3-pin
- With 2-color LED (PNP, yellow, green)
- Sheath material: PVC
- Sheath color: grey
- Resistant to chemicals and oils
- LABS-free
- Approval: cULus
- RoHS conform
- Protection class IP67
- Cable length: 2.0 m

**Pin assignment**



<b>Type code</b>	RKC4T-P7X2-2/TEL
Ident no.	6626536
<b>Connector A side</b>	female connector, M12 x 1, straight
Number of pins	3
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
Mechanical lifespan	> 100 mating cycles
Pollution degree	3
Tightening torque	0.8 ... 1 Nm (observe max. value of counter piece!)

**circuit diagram**



<b>General data</b>	
Cable diameter	Ø 4.3 mm +/-0.20
Cable length	2 m
Sheath color	PVC (grey)
Core insulation (colors)	PP (BN, BU, BK)
Core cross-section	3x0.34mm <sup>2</sup>
Litz wire arrangement	42x0.1 mm

<b>Electrical features at +20 °C</b>	
Rated current	4 A
Rated voltage [Umax]	30 V
Insulation resistance	> 1 GΩ 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	
at rest	-40 ... 105°C
In moving state	0 ... 80°C