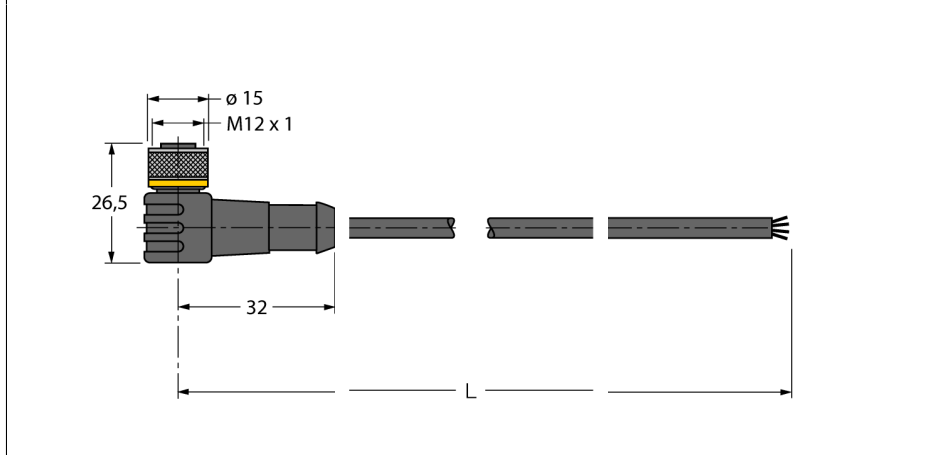


**Actuator/sensor cable, PVC
connection cable
WKC4.4T-P7X3-5/TEL**



- Female M12, angled, 4-pin
- With 3-color LED (PNP, yellow, yellow, green)
- 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

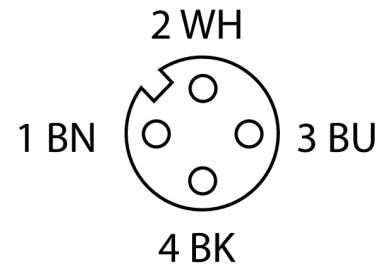
Type code	WKC4.4T-P7X3-5/TEL
Ident no.	6626166

Connector A side	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 (observe max. value of counter piece!)

General data	
Cable diameter	Ø 4.7 mm +/-0.20
Cable length	5 m
Sheath color	PVC (black)
Core insulation (colors)	PP (BN, WH, BU, BK)
Core cross-section	4x0.34mm ²
Litz wire arrangement	42x0.1 mm

Electrical features at +20 °C	
Rated current	4 A
Rated voltage [U _{max}]	30 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



circuit diagram

