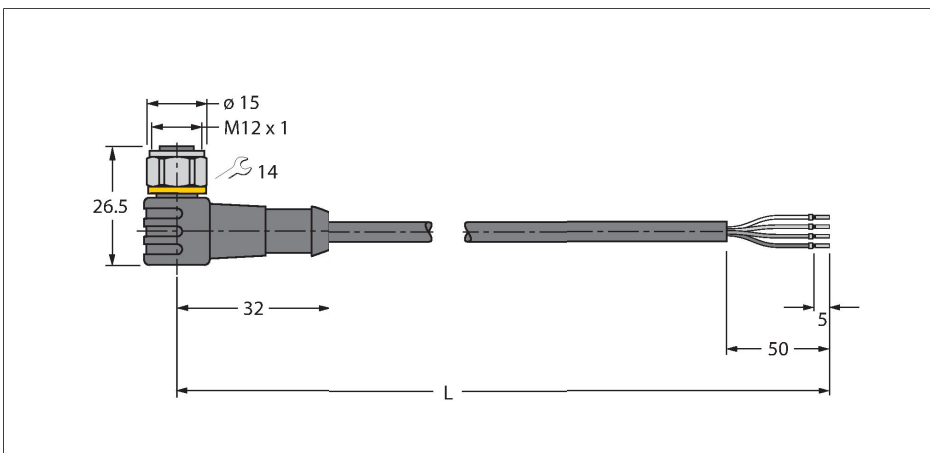


WKCV4.4T-P7X2-2/TFW

Actuator And Sensor Cable, PP-EPDM – Connection Cable

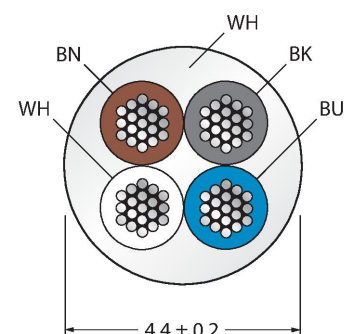


Features

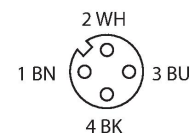


- M12 female connector, angled, 4-pin
- With 2-color LED (PNP, yellow, green)
- Stainless steel coupling nut/screw
- Sheath material: PP-EPDM
- Sheath color: white
- Resistant to acids and alkaline solutions
- Resistant to detergents and disinfectants
- Resistant to hydrolysis acc. to DIN EN 60068-2-78
- Free from silicone and PVC
- Halogen-free acc. to DIN EN 50267-2-1, IEC 60754-1, VDE 0482-267-2-1
- Approvals: Ecolab, FDA
- RoHS and REACH compliant
- Protection classes IP67, IP69K
- Cable length: 2.0 m

Cable Cross-Section



Contact assignment



Technical data

Type	WKCV4.4T-P7X2-2/TFW
ID	6934665
Connector A	Female, M12 × 1, Angled
Number of pins	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PP, White
Connector body	Plastic, PP, Translucent
Coupling nut/screw	Stainless Steel, V4A
Seal	Plastic, FPM/FKM
Tightening torque (range)	0.8 ... 1 Nm (observe max. torque of mating connector!)
LED display	dual LED
Display operating voltage	LED, Green
Display switch state	LED, Yellow
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, IP69K, Only in screwed condition
Cable	
Cable diameter	Ø 4.4 mm ±0.20
Cable length	2 m
Cable jacket	PP-EPDM, White
Core insulation	PE
Core cross-section	4 x 0.34 mm²
Arrangement of strands	42 x 0.1 mm
Core colors	BN, WH, BU, BK
Electrical properties at +20 °C	
Rated voltage	30 V

Technical data

Test voltage	500 V
Current	4 A
forward resistance	max. 57 Ω/km
Mechanical and chemical properties	
Bending radius (stationary installation)	≥ 5 x Ø
Bending radius (flexible use)	≥ 10 x Ø
Ambient temperature (fixed)	-40...+105 °C
Ambient temperature (mobile)	0...+80 °C

Accessories

TORQUE-WRENCH-SET-AS	6936170
Torque wrench set; handles with adjustable torque 0.4-1.0 Nm, torque wrench for M8 (SW9), fork wrench for M12 (SW 14)	

Circuit Diagram

