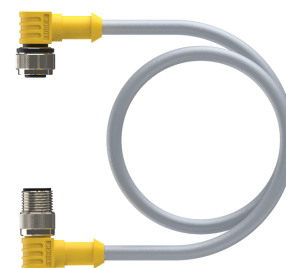
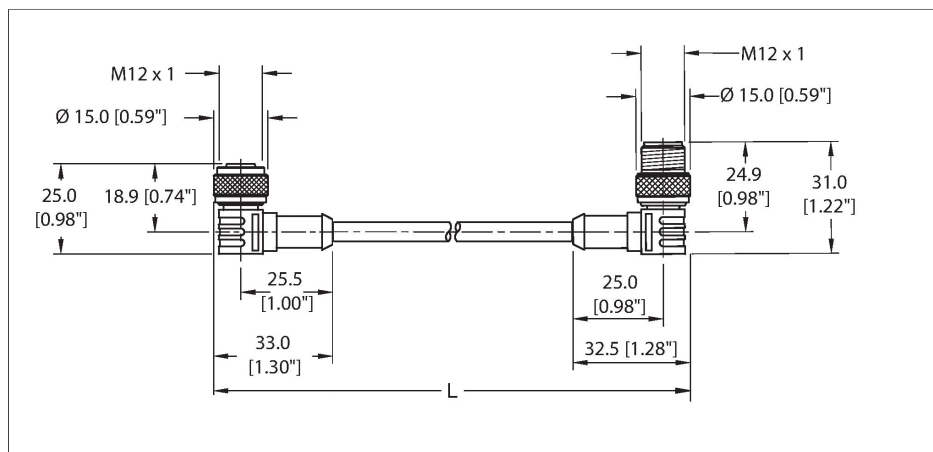


WK 4.4T-4.7-WS 4.4T

Actuator and Sensor Cable – Extension Cable



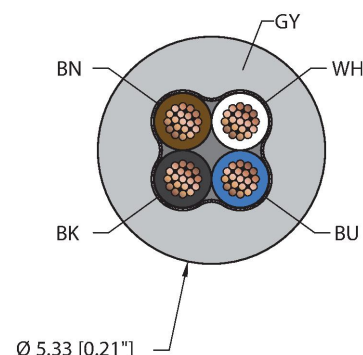
Technische Daten

Type	WK 4.4T-4.7-WS 4.4T
ID	UX07663
Connector A	Female, M12 × 1, Right angle, A-code
Design specification	Acc. to IEC 61076-2-101
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU, Black
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Connector seal	O-ring, Plastic, FKM/FPM
Tightening torque (range)	0.8 ... 1 Nm (note max. torque of mating connector!)
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP68, IP69K
	NEMA: 1, 3, 4, 6P
Connector B	Male, M12 × 1, Right angle
Design specification	Acc. to IEC 61076-2-101
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque	0.8 ... 1 Nm (note max. torque of mating connector!)

Features

- UL US
- SP US
- CE
- UK CA
- RoHS compliant
- IP68/ IP69K
- DEGREE OF PROTECTION
- M12, Female, Right angle, 4-pin
- M12, Male, Right angle, 4-pin
- Instrumentation Tray Cable
- Gray PVC jacket, 4X22 AWG
- Sunlight Resistant
- 40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4
- Flexlife® and C-Track Approved

Cable cross section



Contact assignment

Technische Daten

Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP68, IP69K
	NEMA: 1, 3, 4, 6P

Cable data	
Cable ID	RF50516
Total number of conductors	4
Cable diameter	Ø 5.33 mm
Length (L)	4.7 m, (+50mm or 4% of length/-0.0, Whichever is greater)
Cable jacket	PVC, Gray
Conductor diameter	0.054 "
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	4 x 22 AWG [Similar to 0.34 mm²]
Number of strands x O.D.	19 x 0.0058 "
Conductor colors	BN, WH, BU, BK

Electrical properties at +20 °C	
Rated voltage	250 V
Current	4 A

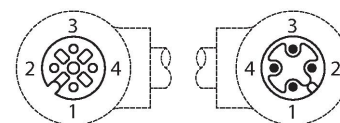
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 10 x Ø
UL cold bend rating	-40 °C
Flex rating 20 x Ø	10 million cycles
	*When properly installed @ 20°C, 50%RH, and a cycle speed of ≤0.5 cycles per second.
C-Track	Yes
Ambient temperature range (static)	-40...+105 °C
Ambient temperature range (dynamic)	5...+105 °C
Temperature range (installation)	-10...+105 °C

Approval	
Approvals	UL 2238 CSA C22.2 No. 182.3 CE UKCA RoHS

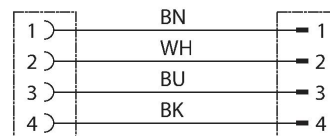
Note	
	- Flex ratings may be reduced if used in extreme temperatures, exposure to cer-

Connector A

Connector B



Circuit Diagram



Technische Daten

tain chemicals, operating above the rated cycle speed, or operating below the rated cable bend radius.

- We reserve the right to make technical alterations without prior notice.

Montagezubehör

TORQUE DRIVER

1/4" DRIVER

TORQUE SETTING TOOL

SCREWTY M12 FITTING

Adjustable torque driver to connect to a Ø15mm knurl. Compatible with the redesigned and legacy M12 cordsets. Includes (1) adjustable torque driver, (1) adjustment tool, (1) 1/4"square to 4mm hex adaptor bit, and (1) Ø15mm spring loaded clamp bit

Montagezubehör

M12-CORDSETS-MOUNTING-CLIP-(10/BAG)

100016882

Isometric view of the M12 cordset mounting clip. Dimensions shown: 34 (total width), 4 (clip width), 4 (clip width), 26 (base width), 22.3 (height), 11.5 (height), 2.5 (height), 4.3 (hole diameter), 14 (hole diameter), 1.4 (hole diameter).

10 Pack of black mounting clips and M4x8mm mounting screws, used to secure cable to cable connection points.