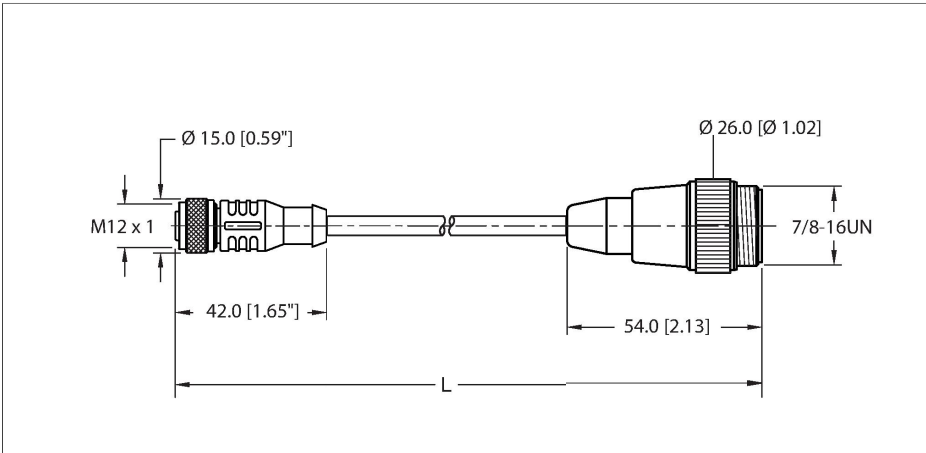


RKC 4.4T-0.5-RSM 40/S3520

Actuator and Sensor Cable – Extension Cordset



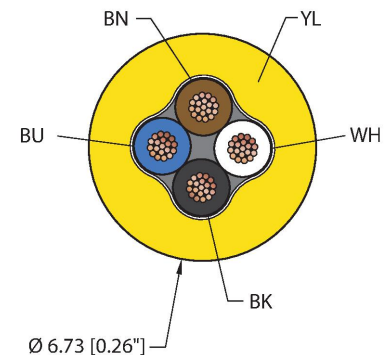
Features

- UL US, SP US, CE, UK CA, RoHS compliant
- IP68/IP69K DEGREE OF PROTECTION
- M12, Female, Straight, 4-pin
- 7/8", Male, Straight, 4-pin
- Instrumentation Tray Cable
- Yellow PVC jacket, 4X18 AWG
- Sunlight Resistant
- 40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4
- Flexlife® and C-Track Approved

Technische Daten

Type	RKC 4.4T-0.5-RSM 40/S3520
ID	UX18415
Connector A	Female, M12 × 1, Straight, 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, 7/8"-16 UN, Straight
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Yellow
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque	2 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	3

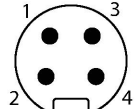
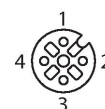
Cable cross section



Contact assignment

Connector A

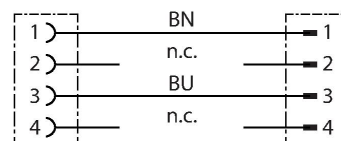
Connector B



Technische Daten

Protection class (When coupled)	IP67, IP68, IP69, IP69K
	NEMA: 1, 3, 4, 6P, 12
Cable data	
Cable ID	RF50548
Total number of conductors	4
Cable diameter	Ø 6.73 mm
Length (L)	0.5 m, (+50mm or 4% of length/-0.0, Whichever is greater)
Cable jacket	PVC, Yellow
Conductor diameter	0.076 "
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	4 x 18 AWG [Similar to 0.75 mm²]
Number of strands x O.D.	19 x 0.0092 "
Conductor colors	BN, BU
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 RoHS
Note	
- Flex ratings may be reduced if used in extreme temperatures, exposure to certain chemicals, operating above the rated cycle speed, or operating below the rated cable bend radius.	

Diagram



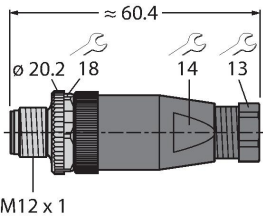
Technische Daten

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

Montagezubehör

BS8141-0

69010

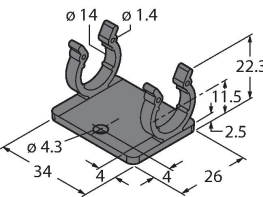


Field-wireable male connector, M12 × 1, straight, 4-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, metal retaining screw

Montagezubehör

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

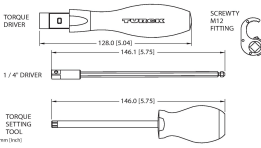
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10 Pack of black mounting clips and M4x8mm mounting screws, used to secure cable to cable connection points.

TORQUE-WRENCH-SET-M12-LEGACY

A900153



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