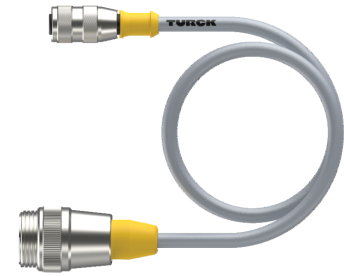
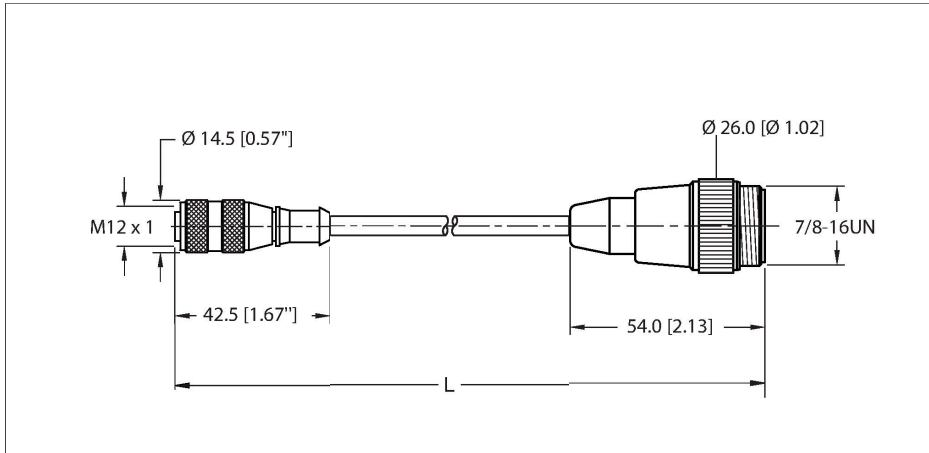


# RK 4.4T-\* -RSM 40

## Power Cordset – Extension Cable



### Technical data

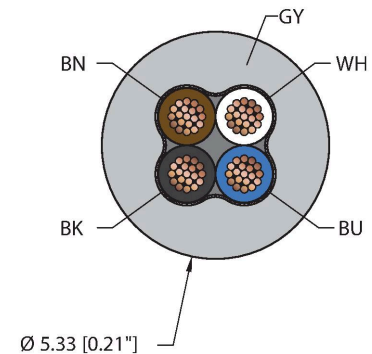
Type	RK 4.4T-* -RSM 40
ID	777002532
Connector A	Female, M12 × 1, Straight, A-code
Design specification	Acc. to IEC 61076-2-101
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU, Black
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
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

### Features



- M12, Female, Straight, 4-pin
- 7/8", Male, Straight, 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

RK 4.4T-\* -RSM 40 | 03/09/2026 16-28 | technical changes reserved

## Technical data

Protection class (When coupled)	IP67, IP68, IP69, IP69K
	NEMA: 1, 3, 4, 6P, 12

Cable data	
Cable ID	RF50516
Total number of conductors	4
Cable diameter	Ø 5.33 mm
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 mm <sup>2</sup> ]
Number of strands x O.D.	19 x 0.0058 "
Conductor colors	BN, WH, BU, BK

Electrical properties at +20 °C	
Rated voltage	600 V
Current	9 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

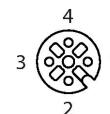
Approval	
Approvals	CSA C22.2 No. 182.3 CE RoHS UL Recognized

### Note

- CAUTION: RISK OF ELECTRICAL SHOCK. DO NOT DISCONNECT UNDER LOAD.

- 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.

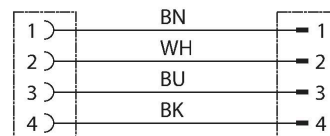
Connector A



Connector B



## Circuit Diagram

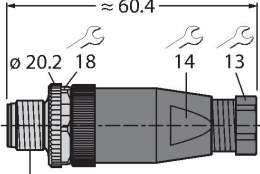


Technical data

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

Accessories

<b>BS 8141-0</b>	<b>U6550</b>
------------------	--------------

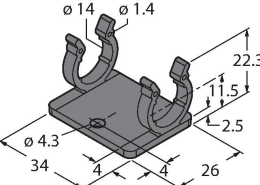


M12 x 1

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 mm<sup>2</sup>, plastic housing, metal retaining screw

Accessories

<b>M12-CORDSETS-MOUNTING-CLIP-(10/BAG)</b>	<b>100016882</b>
--	------------------



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