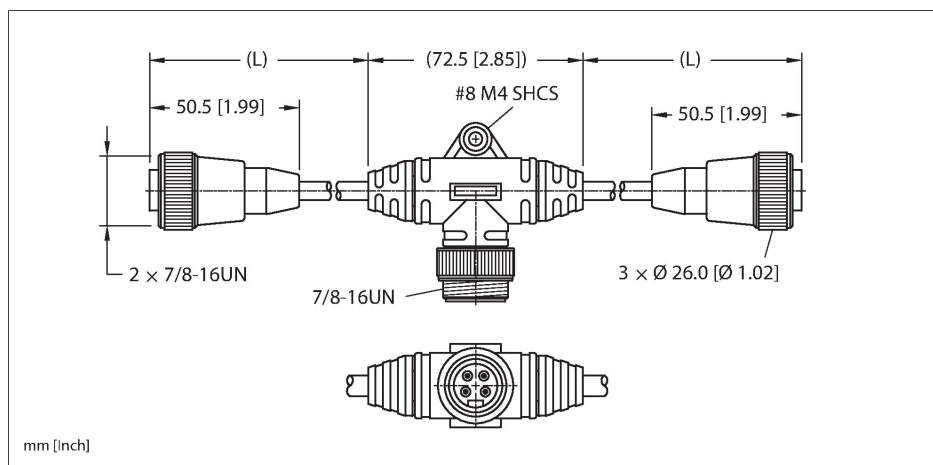


RKM 40-1-RSM 40-RKM 40-1

Actuator and Sensor Tee – T-Splitter with Cable

4-Wire



Technische Daten

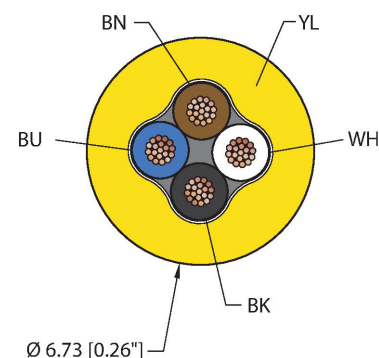
Type	RKM 40-1-RSM 40-RKM 40-1
ID	U-36521
Distributed I/O	T-splitter, 2 -port
Housing	Plastic, TPU, Yellow
Connector A	Male, 7/8"-16 UN
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67, When coupled
	NEMA: 1, 3, 4, 6P
Connector B	2 x Female, 7/8"-16 UN
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Seal	Plastic
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67, Only when screwed together
	NEMA: 1, 3, 4, 6P

Features



- Close coupled
- 7/8" Male, Straight, 4-pin
- 2x 7/8", Female, Straight, 4-pin
- Threaded connector
- 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

Cable cross section

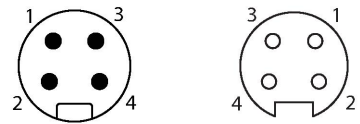


Technische Daten

Cable data	
Cable ID	RF50548
Total number of conductors	4
Cable diameter	Ø 6.73 mm
Length (L)	1 m, 1 m
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, WH, BU, BK
Electrical properties at +20 °C	
Rated voltage	250 V
Current	9 A
Insulation resistance	≥ 10 ⁸ Ω
forward resistance	≤ 5 mΩ
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	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. - We reserve the right to make technical alterations without prior notice.	

Contact assignment

Connector A (P1) Connector B (J1-2)



Circuit Diagram

