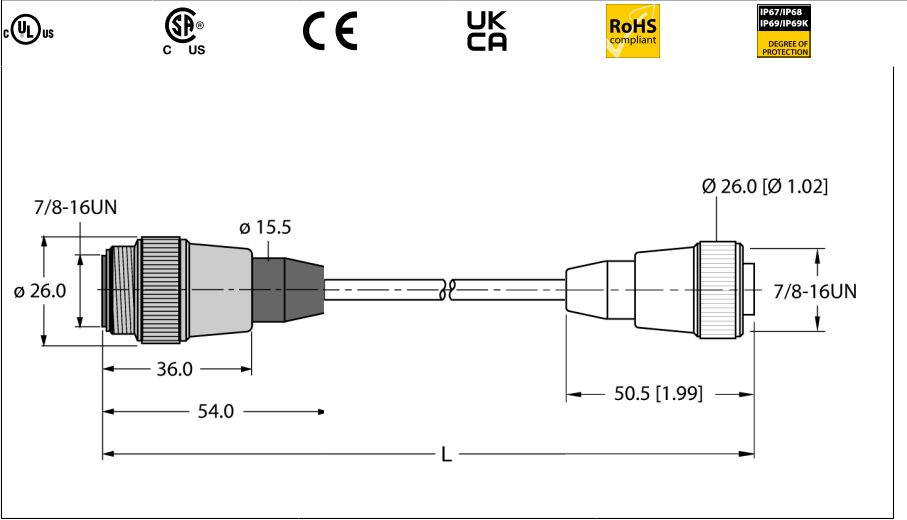


Actuator and Sensor Cable
Extension Cable
RSM RKM 30-2M



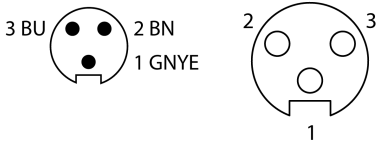
Type	RSM RKM 30-2M
ID	U2255

Connector A	Male, 7/8"-16 UN, Straight
Number of contacts	2+PE
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
Protection class (When coupled)	IP67, When coupled
	NEMA: 1, 3, 4, 6P, 12

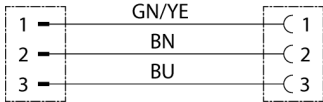
Connector B	Female, 7/8"-16 UN, Straight
Number of contacts	3
Contact carriers	Plastic, TPU, Yellow
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque	2 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67, IP68, IP69, IP69K
	NEMA: 1, 3, 4, 6P, 12

Cable data

- 7/8" male, straight
- Cable length: 2.0 m
- 7/8" Male, Straight, 3-pin
- 7/8" Female, Straight, 3-pin
- Instrumentation Tray Cable
- Yellow PVC jacket, 3X18 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4
- Flexlife® and C-Track Approved



Circuit Diagram



Cable ID	RF50880
Total number of conductors	3
Cable diameter	Ø 6.2mm
Length (L)	2 m, (+50mm or 4% of length/-0.0, Whichever is greater) m
Cable jacket	PVC, Yellow
Conductor diameter	0.076 "
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	3 x 18 AWG [Similar to 0.75 mm²]
Number of strands x O.D.	19 x 0.0092"
Conductor colors	BN, BU, GN/YE

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

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	
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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.