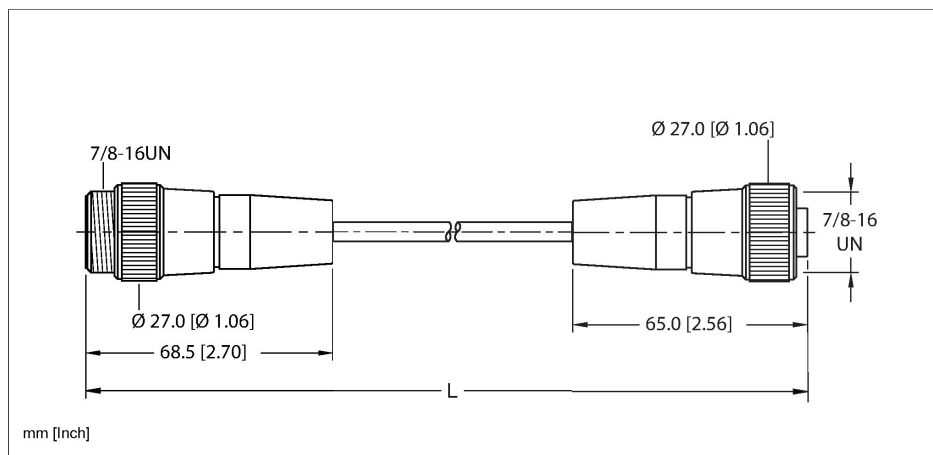


RSM RKM 68A-25M

Actuator and Sensor Cable – Extension Cable

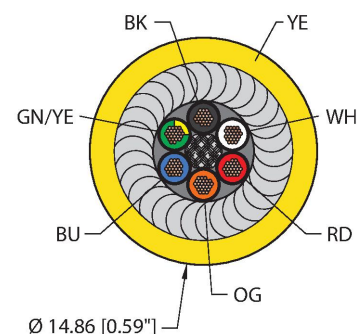


Features



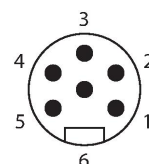
- 7/8" Male, Straight, 6-pin
- 7/8" Female, Straight, 6-pin
- Interlocked Aluminum Armor
- Armorfast™ Instrumentation Cable
- Yellow PVC jacket, cable armor: IAA, 6X18 AWG
- Sunlight Resistant
- Oil Resistant
- Flame Ratings: UL 1685 FT4, IEC 60332-3-22

Cable cross section

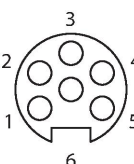


Contact assignment

Connector A



Connector B



Technische Daten

Type	RSM RKM 68A-25M
ID	U-05097
Connector A	Male, 7/8"-16 UN, Straight
Number of contacts	6
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
Protection class (When coupled)	IP67, IP68, IP69, IP69K
	NEMA: 1, 3, 4, 6P, 12
Connector B	Female, 7/8"-16 UN, Straight
Number of contacts	6
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
Protection class (When coupled)	IP67, IP68, IP69, IP69K
	NEMA: 1, 3, 4, 6P, 12

Technische Daten

Cable data	
Cable ID	RF51043
Total number of conductors	6
Cable diameter	Ø 14.86 mm
Length (L)	25 m, (+50mm or 4% of length/-0.0, Whichever is greater)
Cable jacket	PVC, Yellow
Armor	IAA
Conductor diameter	0.087 "
Conductor material	TC (tinned copper)
Conductor insulation material	PVC/Nylon (Nylon overcoat)
Conductor size	6 x 18 AWG [Similar to 0.75 mm²]
Number of strands x O.D.	19 x 0.0092 "
Conductor colors	WH, RD, GN/YE, OG, BK, BU
Electrical properties at +20 °C	
Rated voltage	600 V
Current	8 A
Mechanical and chemical properties	
Bending radius (static)	≥ 14 x Ø
	(Armor diameter)
Ambient temperature range (static)	-40...+90 °C
Ambient temperature range (dynamic)	5...+90 °C
Temperature range (installation)	-10...+90 °C
Approval	
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.

Circuit Diagram

