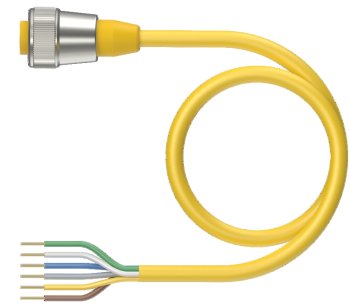
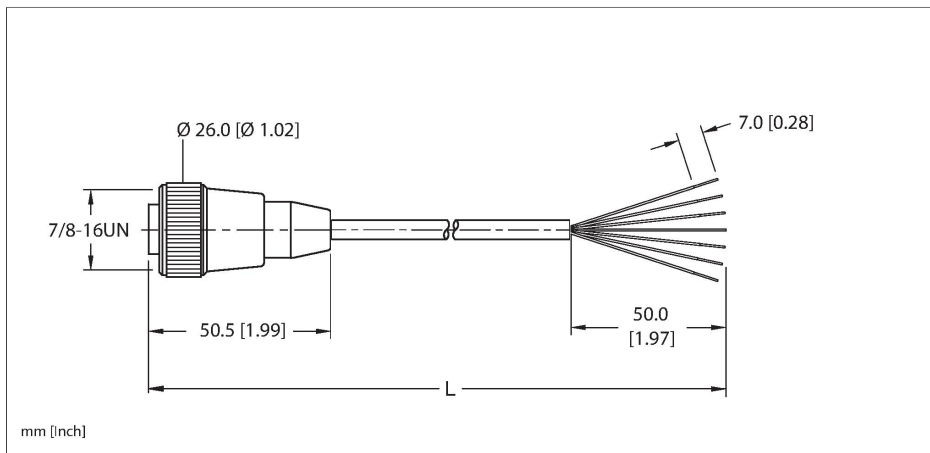


RKM 61-3M/S90

Actuator and Sensor Cable – Connection Cable



Technische Daten

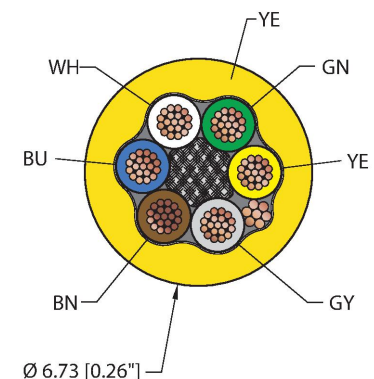
Type	RKM 61-3M/S90
ID	100033046
Connector A	Female, 7/8"-16 UN, Straight
Number of contacts	6
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Yellow
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque	2 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67, IP68, IP69, IP69K
	NEMA: 1, 3, 4, 6P, 12
Cable data	
Cable ID	RF50662
Total number of conductors	6
Cable diameter	Ø 6.73 mm
Length (L)	3 m, (+50mm or 4% of length/-0.0, Whichever is greater)
Cable jacket	TPU, Yellow
Shielding	Aluminum/polyester (IN), 22 AWG TC (Tinned Copper)
Conductor diameter	0.064 "
Conductor material	TC (tinned copper)
Conductor insulation material	PVC

Features



- 7/8" Female, Straight, 6-pin
- General Purpose Cable
- TPU jacket, Yellow, shielded, 6X18 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1

Cable cross section

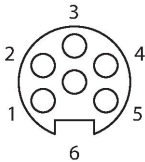


Contact assignment

Technische Daten

Conductor size	6 x 18 AWG [Similar to 0.75 mm²]
Number of strands x O.D.	19 x 0.0092 "
Conductor colors	GN, WH, BU, GY, YE, BN
Electrical properties at +20 °C	
Rated voltage	300 V
Current	8 A
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 15 x Ø
UL cold bend rating	-40 °C
Ambient temperature range (static)	-40...+90 °C
Ambient temperature range (dynamic)	5...+90 °C
Temperature range (installation)	-10...+90 °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.	
- We reserve the right to make technical alterations without prior notice.	

Connector A



Circuit Diagram

