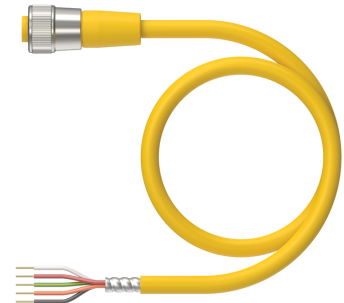
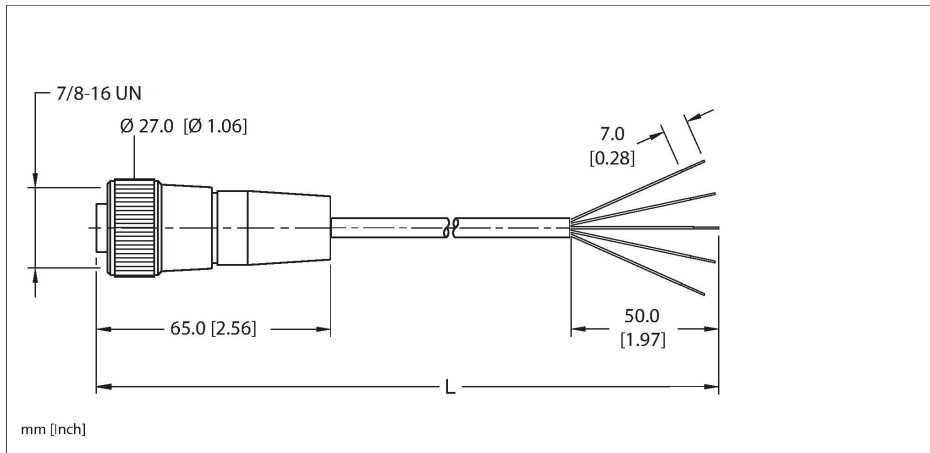


RKM 58A-xM

Actuator and Sensor Cable – Connection Cable



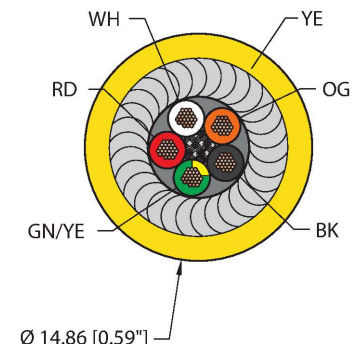
Technische Daten

Type	RKM 58A-xM
ID	777001838
Connector A	Female, 7/8"-16 UN, Straight
Number of contacts	5
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	RF51042
Total number of conductors	5
Cable diameter	Ø 14.86 mm
Cable jacket	PVC, Yellow
Aarmor	IAA
Conductor diameter	0.106 "
Conductor material	TC (tinned copper)
Conductor insulation material	PVC/Nylon (Nylon overcoat)
Conductor size	5 x 18 AWG [Similar to 0.75 mm²]
Number of strands x O.D.	19 x 0.0092 "

Features

- UL US
- SP US
- CE
- UK CA
- RoHS compliant
- IP67/IP68
IP69/IP69K
DEGREE OF PROTECTION
- 7/8" Female, Straight, 5-pin
- Interlocked Aluminum Armor
- Armorfast™ Instrumentation Cable
- Yellow PVC jacket, cable armor: IAA, 5X18 AWG
- Sunlight Resistant
- Oil Resistant
- Flame Ratings: UL 1685 FT4, IEC 60332-3-22

Cable cross section

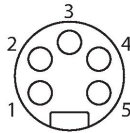


Contact assignment

Technische Daten

Conductor colors	WH, RD, GN/YE, OG, BK
Electrical properties at +20 °C	
Rated voltage	600 V
Current	9 A
Mechanical and chemical properties	
Bending radius (static)	≥ 14 x Ø (Armor diameter)
Ambient temperature range (static)	-30...+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 UKCA 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

