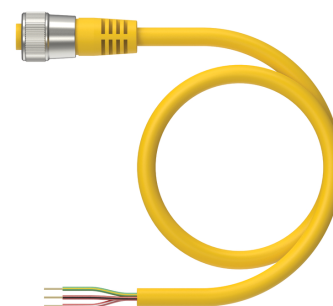
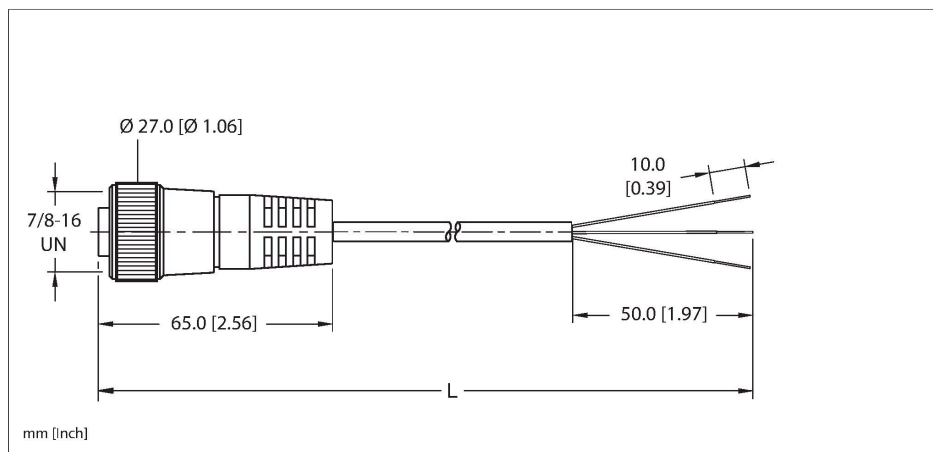


RKM 35-xM/S600

Actuator and Sensor Cable – Connection Cable



Technische Daten

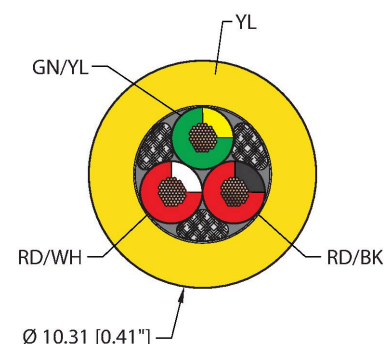
Type	RKM 35-xM/S600
ID	777000892
Connector A	Female, 7/8"-16 UN, Straight
Number of contacts	3
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Yellow
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque	2 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67, IP68, IP69, IP69K
	NEMA: 1, 3, 4, 6P, 12
Cable data	
Cable ID	RF50596
Total number of conductors	3
Cable diameter	Ø 10.31 mm
Cable jacket	CPE, Yellow
Conductor diameter	0.12 "
Conductor material	TC (tinned copper)
Conductor insulation material	EPDM
Conductor size	3 x 16 AWG [Similar to 1.50 mm ²]
Number of strands x O.D.	65 x 34 AWG
Conductor colors	GN/YE, RD/BK, RD/WH

Features



- 7/8" Female, Straight, 3-pin
- Flexible Service Cable
- Yellow CPE jacket, 3X16 AWG
- Sunlight Resistant
- -50 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1060, CSA FT1

Cable cross section

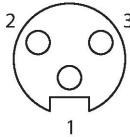


Contact assignment

Technische Daten

Electrical properties at +20 °C	
Rated voltage	600 V
Current	10 A
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 10 x Ø
UL cold bend rating	-40 °C
Ambient temperature range (static)	-40...+105 °C
Ambient temperature range (dynamic)	5...+105 °C
Temperature range (installation)	-10...+105 °C
Approval	
Approvals	CSA C22.2 No. 182.3 CE RoHS UL Listed UL 2238
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

