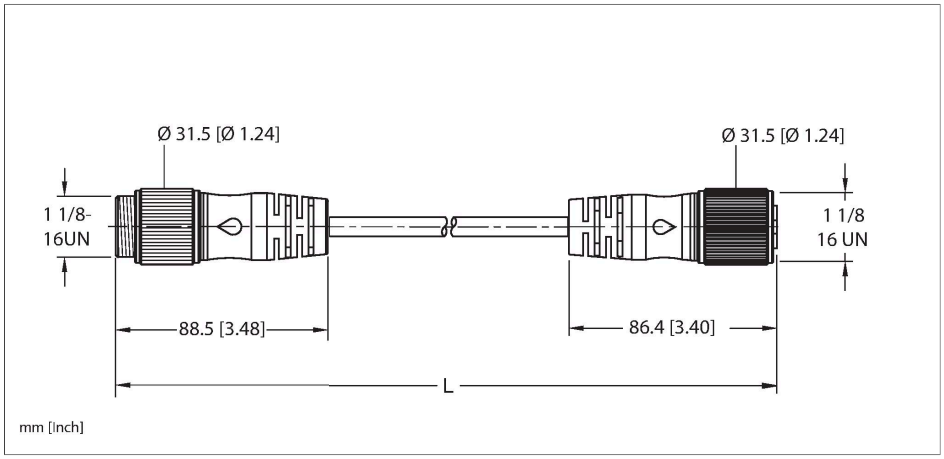
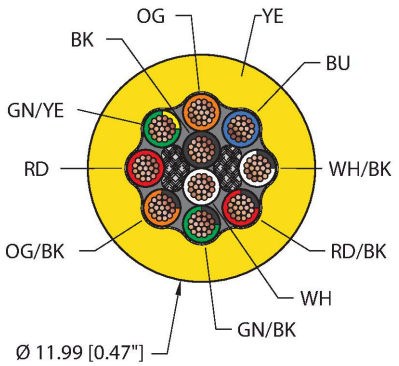
RSM RKM 106-44M/S90
Actuator and Sensor Cable – Extension Cable



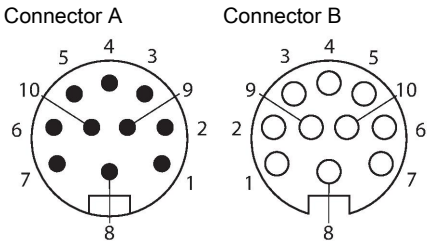
Features

- 1-1/8" Male, Straight, 10-pin
- 1-1/8" Female, Straight, 10-pin
- General Purpose Cable
- Yellow TPU jacket, 10X16 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1

Cable cross section



Contact assignment

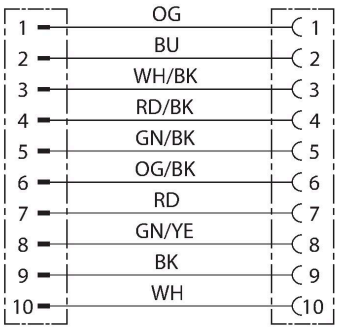


Technische Daten

Type	RSM RKM 106-44M/S90
ID	U-77496
Connector A	Male, 1 1/8"-16 UN, Straight
Number of contacts	10
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Yellow
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque	3 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, 1 1/8"-16 UN, Straight
Number of contacts	10
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Yellow
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Protection class (When coupled)	IP67, IP68, IP69, IP69K
	NEMA: 1, 3, 4, 6P, 12
Cable data	
Cable ID	RF51141
Total number of conductors	10

RSM RKM 106-44M/S90| 22-02-2025 00-03 | Technische Änderungen vorbehalten

Technische Daten

Cable diameter	Ø 11.99 mm
Length (L)	44 m, (+50mm or 4% of length/-0.0, Whichever is greater)
Cable jacket	TPU, Yellow
Conductor diameter	0.088 "
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	10 x 16 AWG [Similar to 1.50 mm²]
Number of strands x O.D.	19 x 0.0117 "
Conductor colors	OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, RD, GN/YE, BK, WH
Electrical properties at +20 °C	
Rated voltage	600 V
Current	7 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…+90 °C
Ambient temperature range (dynamic)	5…+90 °C
Temperature range (installation)	-10…+90 °C
Approval	
Approvals	UL 2238 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.

Circuit Diagram