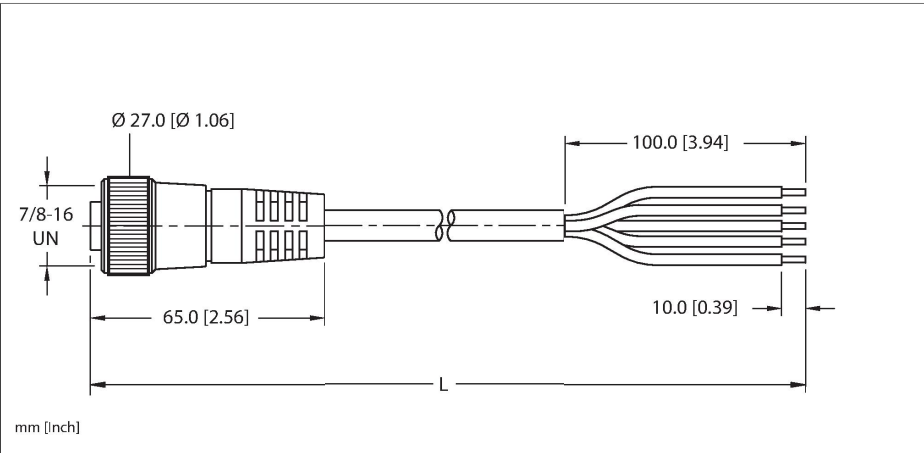


RKM 54-*M/S4000

Power Cordset – Connection Cable



Technical data

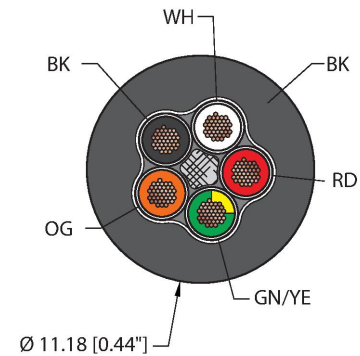
Type	RKM 54-*M/S4000
ID	777039942
Special version	S4000 = TC-ER cable
Connector A	Female, 7/8"-16 UN, Straight
Number of contacts	5
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, PVC, Black
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque	2 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67, IP68, IP69, IP69K
	NEMA: 1, 3, 4, 6P, 12
Cable data	
Total number of conductors	5
Cable diameter	Ø 11.18 mm
Cable jacket	TPE, Black
Conductor diameter	0.12 "
Conductor material	BC (bare copper)
Conductor insulation material	PVC/Nylon (Nylon overcoat)
Conductor size	5 x 14 AWG [Similar to 2.50 mm ²]
Number of strands x O.D.	41 x 30 AWG
Conductor colors	WH, RD, GN/YE, OG, BK

Features



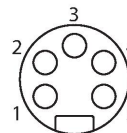
- 7/8" Female, Straight, Powerfast Connector, 5-pin
- Power Tray/Exposed Run/Direct Burial Cable
- Black TPE jacket, 5X14 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, IEEE 1202 FT4, CSA FT1, CSA FT4

Cable cross section



Contact assignment

Connector A



Technical data

Electrical properties at +20 °C	
Rated voltage	600 V
Current	15 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 2237
Note	
- CAUTION: RISK OF ELECTRICAL SHOCK. DO NOT DISCONNECT UNDER LOAD.	
- 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

