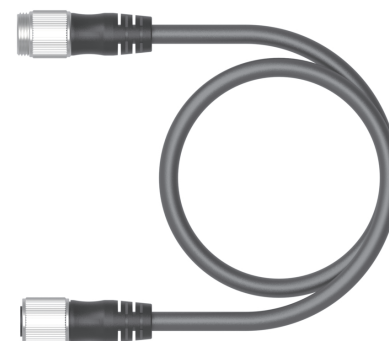
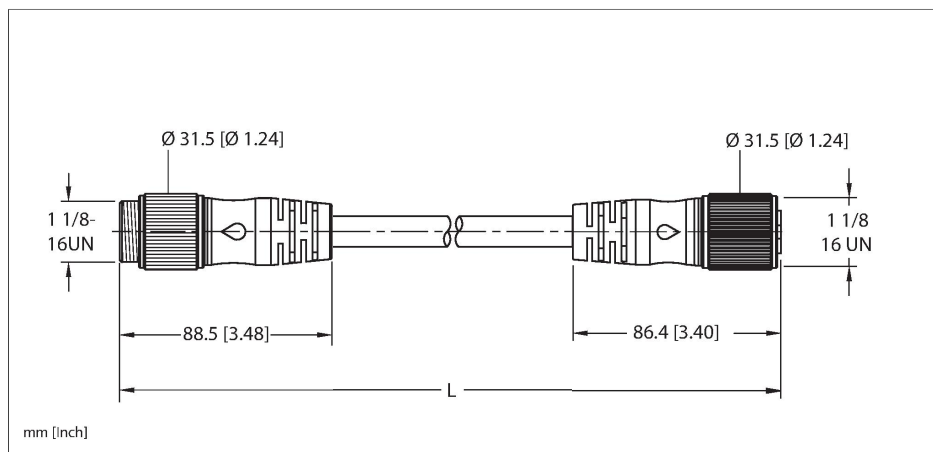


RSMC RKM 42-*M/S4000

Power Cordset – Extension Cable



Technical data

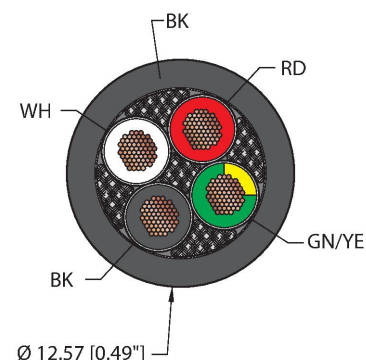
Type	RSMC RKM 42-*M/S4000
ID	777042672
Special version	S4000 = TC-ER cable
Connector A	Male, 1 1/8"-16 UN, Straight
Number of contacts	4
Contacts	Tellurium Copper, TeCu, Gold-plated
Contact carriers	Plastic, PVC, Black
Connector body	Plastic, PVC, Black
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque	3 Nm
Mechanical life	> 100 Mating cycles
Protection class (When coupled)	IP67, IP68, IP69, IP69K
	NEMA: 1, 3, 4, 6P, 12
Connector B	Female, 1 1/8"-16 UN, Straight
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PVC, Black
Connector body	Plastic, PVC, Black
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

Features



- 1 1/8-16UN, minifast, Male, Straight, 4-pin
- 1 1/8-16UN, minifast, Female, Straight, 4-pin
- Power Tray/Exposed Run/Direct Burial Cable
- Black PVC jacket, 4X12 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL 1061, CSA FT1, CSA FT4

Cable cross section

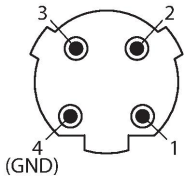


Contact assignment

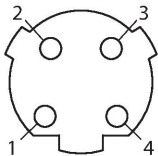
Technical data

Cable data	
Cable ID	RF51850
Total number of conductors	4
Cable diameter	Ø 12.57 mm
Cable jacket	PVC, Black
Conductor diameter	0.161 "
Conductor material	BC (bare copper)
Conductor insulation material	PVC
Conductor size	4 x 12 AWG [Similar to 4.00 mm²]
Number of strands x O.D.	65 x 30 AWG
Conductor colors	BK, WH, RD, GN/YE
Electrical properties at +20 °C	
Rated voltage	600 VAC
Current	25 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
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.	

Connector A



Connector B



Circuit Diagram

