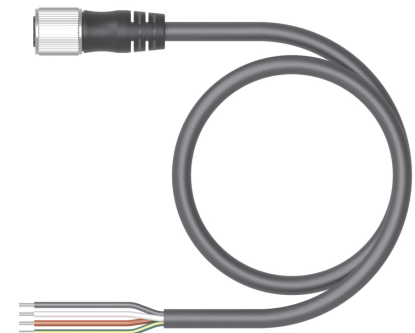
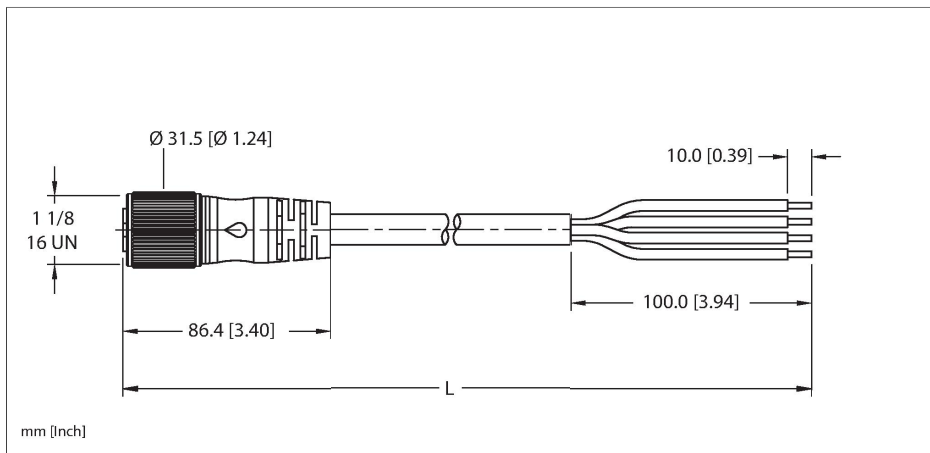


RKMC 42-0.5M/S4000

Power Cordset – Connection Cable



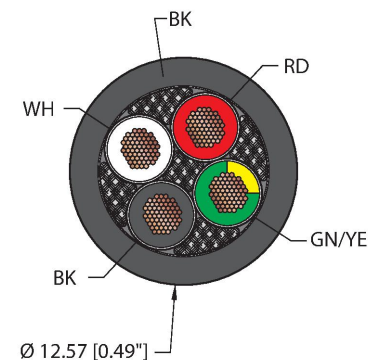
Technische Daten

Type	RKMC 42-0.5M/S4000
ID	100020831
Special version	S4000 = TC-ER cable
Connector A	Female, 1 1/8"-16 UN, Straight
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PVC, Black
Connector body	Plastic, PVC, Black
Coupling nut	Brass, CuZn, Nickel-plated
Mechanical life	> 100 Mating cycles
Protection class (When coupled)	IP67, IP68, IP69, IP69K
	NEMA: 1, 3, 4, 4X, 6P, 12
Cable data	
Cable ID	RF51850
Total number of conductors	4
Cable diameter	Ø 12.57 mm
Length (L)	0.5 m, (+50mm or 4% of length/-0.0, Whichever is greater)
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

Features

- UL, CE, RoHS compliant, IP67/IP68, IP69/IP69K
- 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

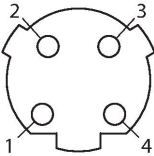


Contact assignment

Technische Daten

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 CE RoHS
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



Circuit Diagram

