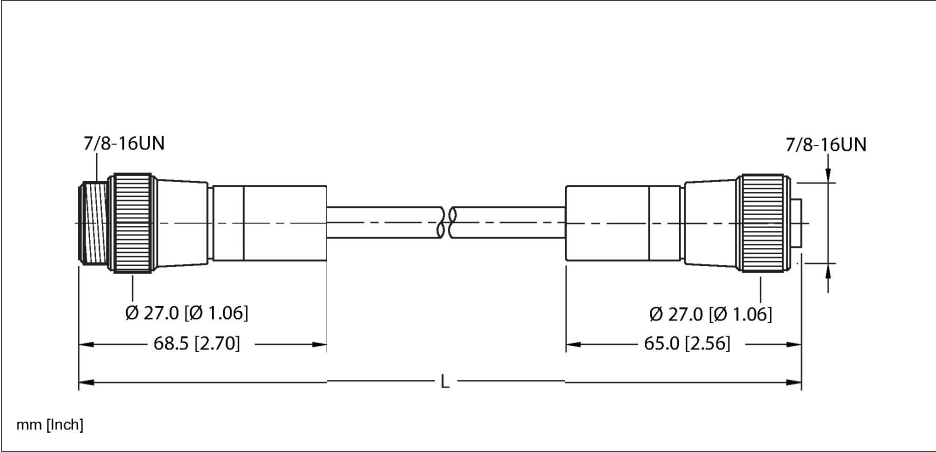


RSM RKM 44P-2M
Power Cable – Verbindungsleitung



Technical data

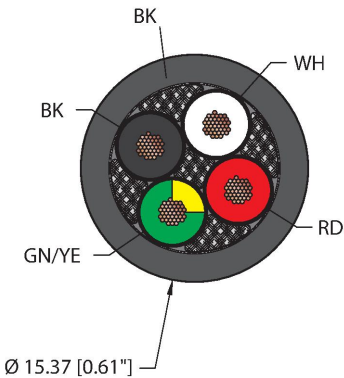
Type	RSM RKM 44P-2M
ID	U-97252
Connector A	Male, 7/8"-16 UN, Straight
Number of pins	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PVC, Black
Connector body	Plastic, PVC, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Tightening torque	2 Nm
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, IP68, IP69, IP69K NEMA: 1, 3, 4, 6P, 12
Connector B	Female, 7/8"-16 UN, Straight
Number of Pins	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PVC, Black
Connector body	Plastic, PVC, Black
Coupling nut/retaining screw	Brass, CuZn, Nickel-plated
Tightening torque	2 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, IP68, IP69, IP69K NEMA: 1, 3, 4, 6P, 12
Cable	
Cable ID	RF51672
Number of cores	4



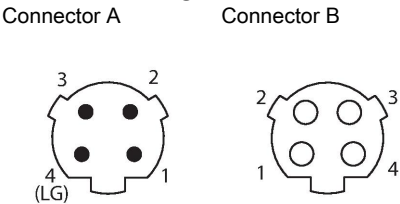
Features

- UL US CE UK CA RoHS compliant IP67/IP68 IP69/IP69K DEGREE OF PROTECTION
- 7/8" male connector, straight, 4-pin
- 7/8" female connector, straight, 4-pin
- Power Tray/Exposed Run/Direct Burial Cable
- TPE jacket, black, 4 × 14 AWG
- UV resistant
- 40 °C cold bending strength
- Oil resistant
- Fire classes: UL 1685 FT4, UL 1100, CSA FT1, CSA FT4

Cable Cross-Section



Contact assignment



Technical data

Cable diameter	Ø 15.37 mm
Cable length	2 m
Cable jacket	TPE, Black
Conductor diameter	0.177 "
Conductor material	BC (bare copper)
Core insulation	PVC/nylon
Core cross-section	4 x 14 AWG [Similar to 2.50 mm²]
Arrangement of strands	41 x 30 AWG
Core colors	BK, WH, RD, GN/YE
Electrical properties at +20 °C	
Rated voltage	600 V
Current	18 A
Mechanical and chemical properties	
Bending radius (stationary installation)	≥ 5 x Ø
Bending radius (flexible use)	≥ 10 x Ø
Cold flexural strength	-40 °C
Ambient temperature (fixed)	-40...+90 °C
Ambient temperature (mobile)	5...+90 °C
Ambient temperature during installation	-10...+90 °C
Approval	
Approvals	UL 2237 CE UKCA RoHS
Note	
CAUTION: RISK OF ELECTRIC SHOCK! DO NOT DISCONNECT UNDER LOAD!	
Using the cable in extreme temperatures, when it is exposed to certain chemicals and above the nominal cycle speed or below the nominal bending radius of the cable can reduce the flexural strength.	
- We reserve the right to make technical modifications without prior notice.	

Circuit Diagram

