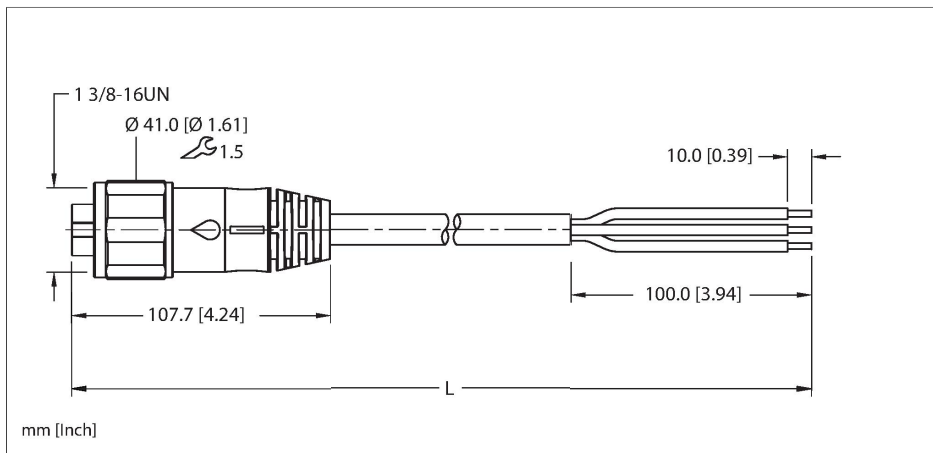


P-PWR-GKDV 30-1667-*M

Hazardous Location Power Cordset – Connection Cable



Technical data

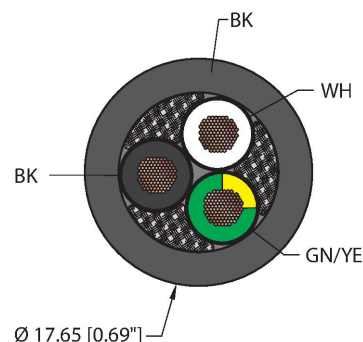
Type	P-PWR-GKDV 30-1667-*M
ID	777029584
Connector A	Female, 1 3/8"-16 UN, Straight
Number of contacts	3
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PVC, Black
Connector body	Plastic, PVC, Black
Coupling nut	Stainless Steel, 316 (1.4404), Passivated
Tightening torque	4 Nm
Protection class (When coupled)	IP67, IP68, IP69K
	NEMA: 1, 3, 4, 6P
Cable data	
Cable ID	RF51667
Total number of conductors	3
Cable diameter	Ø 17.65 mm
Cable jacket	TPE, Black
Conductor diameter	0.227 "
Conductor material	BC (bare copper)
Conductor insulation material	PVC/Nylon (Nylon overcoat)
Conductor size	3 x 10 AWG [Similar to 6.00 mm²]
Number of strands x O.D.	105 x 30 AWG
Conductor colors	WH, GN/YE, BK
Electrical properties at +20 °C	
Rated voltage	600 V

Features



- 1-3/8" Female, Straight, 3-pin
- Power Tray/Exposed Run/Direct Burial Cable
- Black TPE jacket, 3X10 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL 1100, CSA FT1, CSA FT4

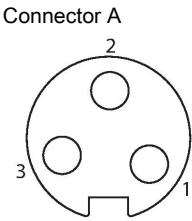
Cable cross section



Contact assignment

Technical data

Current	40 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	FM Div.2 UL 2237 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.	



Circuit Diagram

