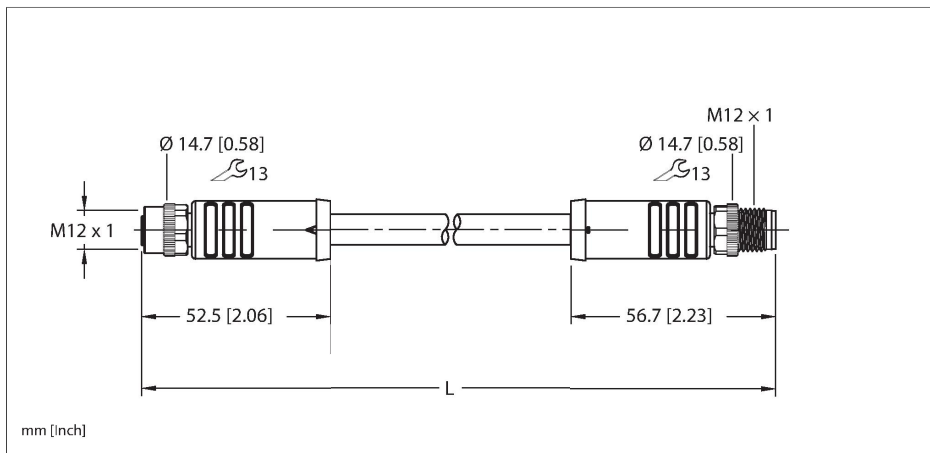


RKP56PL-* -RSP56PL

Power Cordset – Extension Cable



Technical data

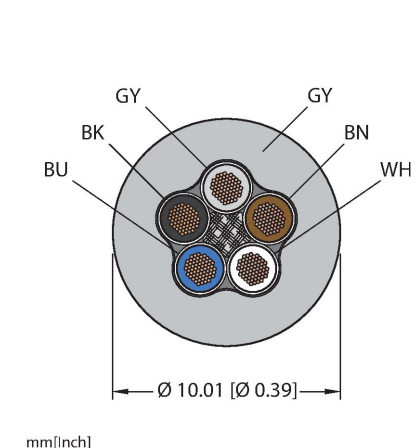
Type	RKP56PL-* -RSP56PL
ID	777042101
Connector A	Female, M12 × 1, Straight, L-code
Number of contacts	4+FE
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PBT, Gray
Connector body	Plastic, TPU, Black
Coupling nut	Brass, CuZn, Nickel-plated
Connector seal	O-ring, Rubber, NBR
Tightening torque	0.8 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	2
Protection class (When coupled)	IP67
	NEMA: 1, 3, 4
Connector B	Male, M12 × 1, Straight, L-code
Number of contacts	4+FE
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PBT, Gray
Connector body	Plastic, TPU, Black
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque	0.8 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	2
Protection class (When coupled)	IP67

Features



- M12 Power, Female, Straight, 5-pin, L-code
- M12 Power, Male, Straight, 5-pin, L-code
- Power Tray/Exposed Run/Direct Burial Cable
- Gray PVC jacket, 5X16 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL 1061, CSA FT1, CSA FT4

Cable cross section



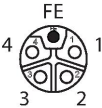
mm[inch]

Contact assignment

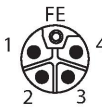
Technical data

	NEMA: 1, 3, 4
Cable data	
Total number of conductors	5
Cable diameter	Ø 10.01 mm
Cable jacket	PVC, Gray
Conductor diameter	0.105 "
Conductor material	BC (bare copper)
Conductor insulation material	PVC/Nylon (Nylon overcoat)
Conductor size	5 x 16 AWG [Similar to 1.50 mm²]
Number of strands x O.D.	65 x 34 AWG
Conductor colors	BN, WH, BU, BK, GY
Electrical properties at +20 °C	
Rated voltage	63 VDC
Current	14 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...+105 °C
Temperature range (installation)	-10...+105 °C
Approval	
Additional Approvals	IEC 60332-3-22
Approvals	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



Connector B



Circuit Diagram



Accessories

M12-CORDSETS-MOUNTING-CLIP-(10/BAG)

100016882



10 Pack of black mounting clips and M4x8mm mounting screws, used to secure cable to cable connection points.