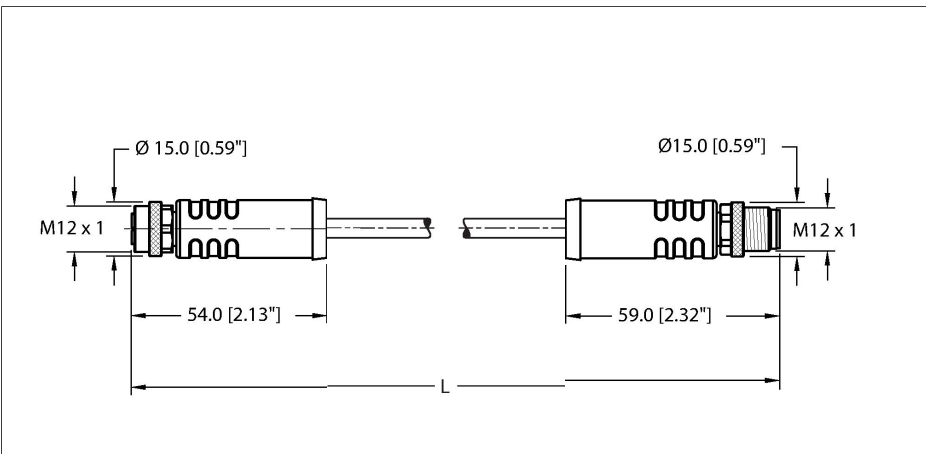


RKP46PL-2-RSP46PL

Power Cable – Extension Cable

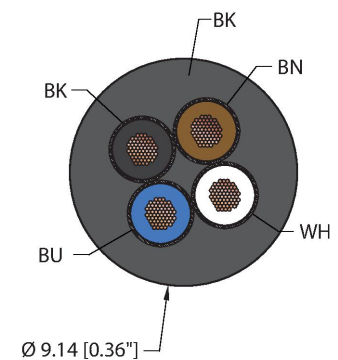


Features



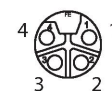
- M12 female connector, straight, 4-pin, L-code
- Power Tray/Exposed Run/Direct Burial Cable
- Black PVC jacket, 4X16 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, CSA FT1, CSA FT4, IEC 60332-3-22
- Cable length: 2 m

Cable Cross-Section



Contact assignment

Connector A



Connector B

Technical data

Type	RKP46PL-2-RSP46PL
Ident. no.	UX11803
Connector A	Female, M12 × 1, Straight, L-coded
Design specification	acc. to IEC 61076-2-101
Number of pins	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PA 66/6, Black
Connector body	Plastic, TPU, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Seal	O ring, Plastic, FKM/FPM
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, IP68
	NEMA: 1, 3, 4, 6P
Tightening torque (range)	0.4 ... 1 Nm (observe max. torque of mating connector!)
Connector B	Male, M12 × 1, Straight
Design specification	acc. to IEC 61076-2-101
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PA 66/6, Black
Connector body	Plastic, TPU, Black
Coupling nut/retaining screw	Brass, CuZn, Nickel-plated
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, IP68
	NEMA: 1, 3, 4, 6P
Tightening torque	0.4 ... 1 Nm (observe max. torque of mating connector!)

Technical data

Cable	
	4
Cable diameter	Ø 9.14 mm
Cable length	2 m (+ 50 mm or 4 % of the length/-0.0, depending on which value is larger)
Cable jacket	PVC, Black
Conductor diameter	0.105 "
Conductor material	?
Core insulation	PVC/N
Core cross-section	4 x 16 AWG [Similar to 1.50 mm ²]
Arrangement of strands	65 x 34 AWG
Core colors	BN, WH, BU, BK
Electrical properties at +20 °C	
Rated voltage	63 VDC
Current	12 A
Mechanical and chemical properties	
Bending radius (stationary installation)	≥ 5 x Ø
Bending radius (flexible use)	≥ 10 x Ø
Cold flexural strength	-40 °C
Stationary	-40 °C...+90 °C
In motion	-40 °C...+90 °C
	-20 °C...+90 °C
Approval	
Approvals	RoHS CE
Note	
	- CAUTION: RISK OF ELECTRIC SHOCK. DO NOT DISCONNECT UNDER LOAD.
	- Flex values can be reduced when used in extreme temperatures, in contact with certain chemicals, above the nominal speed or below the nominal bending radius.
	- We reserve the right to make technical modifications without prior notice.