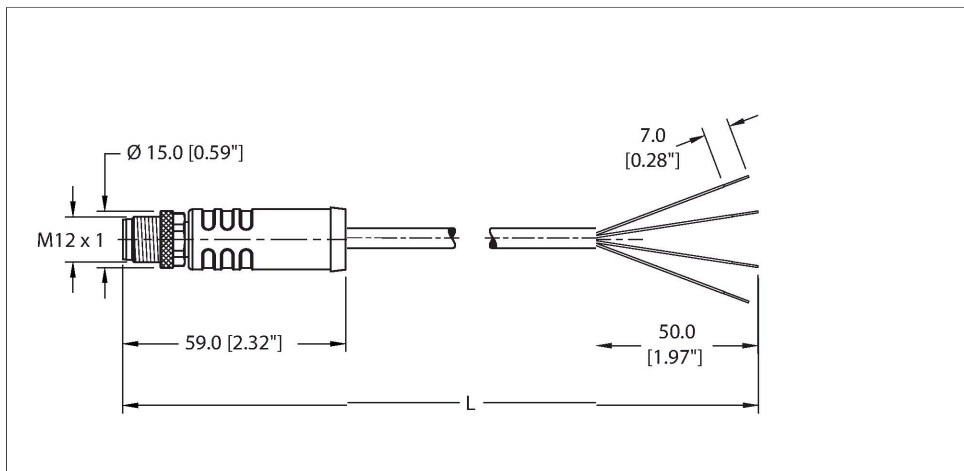


RSP46PS-x

Power Cable – Connection Cable



Features

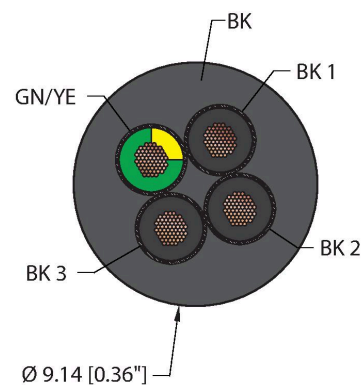


- M12 Power, Male, Straight, 4-pin, S-code, IP67, IP68
- Power Tray/Exposed Run/Direct Burial Cable
- Black PVC jacket, 4X16 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, CSA FT1, CSA FT4, IEC 60332-3-22

Cable cross section

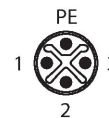
Technical data

Type	RSP46PS-x
Ident. no.	777036205
Connector A	Male, M12 x 1, Straight, S-code
Design specification	Acc. to IEC 61076-2-111
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PA 66/6, Black
Connector body	Plastic, TPU, Black
Coupling nut	Brass, CuZn, Nickel-plated
Mechanical life	> 100 Mating cycles
Pollution degree	2
Protection class	When coupled - IP67, IP68
	NEMA: 1, 3, 4, 6P
Tightening torque	0.8 Nm
Cable data	
Total number of conductors	4
Cable diameter	Ø 9.14 mm
Cable jacket	PVC, Black
Conductor diameter	0.105 "
Conductor material	BC (bare copper)
Conductor insulation material	PVC/Nylon (Nylon overcoat)
Conductor size	4 x 16 AWG [Similar to 1.50 mm ²]
Number of strands x O.D.	65 x 34 AWG
Conductor colors	BK1, BK2, BK3, GN/YL

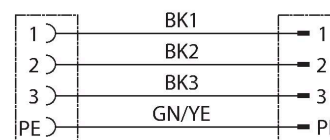


Contact assignment

Connector A



Diagram



Technical data

Electrical properties at +20 °C	
Rated voltage	600 VAC
Current	12 A
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 10 x Ø
Cold bend rating	-40 °C
Temperature range (static)	-40 °C...+90 °C
Temperature range (dynamic)	-40 °C...+90 °C
Temperature range (installation)	-20 °C...+90 °C
Approval	
Approvals	RoHS CE
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.