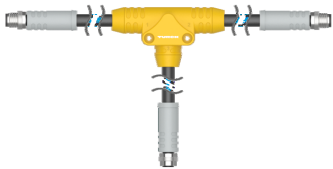
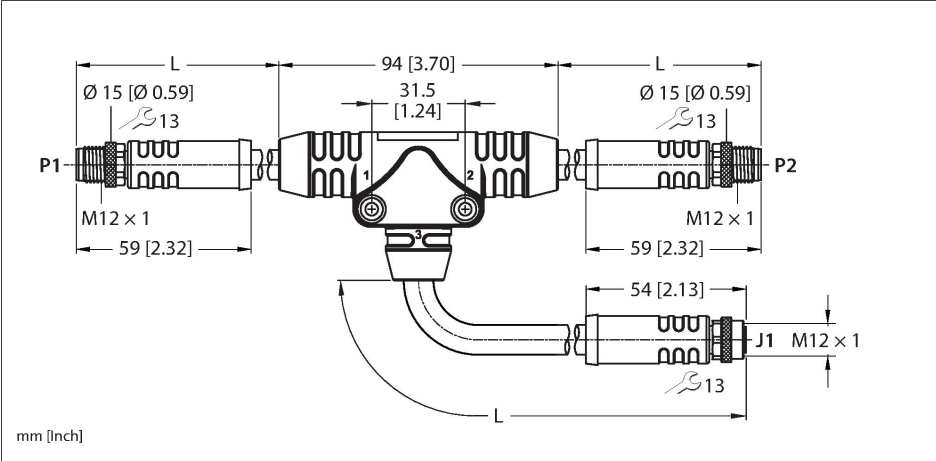


2RSP56PL-0.2/0.2/RK56PL-0.4/CS18244
M12 Power Splitters – T-Splitter



Technical data

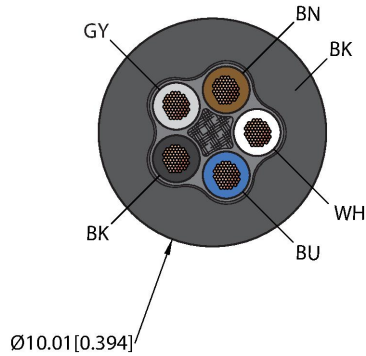
Type	2RSP56PL-0.2/0.2/RK56PL-0.4/CS18244
ID	200014562
Distributed I/O	T-splitter
Housing	Plastic, TPU
Connector A	Male, M12 × 1, L-coded
Design specification	acc. to IEC 61076-2-111
Number of pins	4+FE
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PA, Black
Connector body	Plastic, TPU
Coupling nut/screw	Brass, CuZn, Nickel-plated
Tightening torque	0.8 Nm
Mechanical lifespan	> 100 Mating cycles
Pollution degree	2
Connector B	Female, M12 × 1, L-coded
Design specification	acc. to IEC 61076-2-111
Number of Pins	4+FE
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PA, Black
Connector body	Plastic, TPU
Coupling nut/retaining screw	Brass, CuZn, Nickel-plated
Seal	O-ring, Plastic, FKM/FPM
Tightening torque	0.8 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	2
Cable	
Number of cores	5

Features



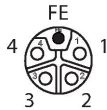
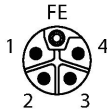
- 2x M12-Stecker, 4-polig + FE, L-codiert
- M12-Kupplung 4-polig + FE, L-codiert
- Power tray/exposed run/direct burial cable
- TPE jacket, black, 5 × 16 AWG
- Sunlight resistant
- -40 °C cold bending strength
- Oil resistant
- Fire classes: UL1685 FT4, CSA FT1, CSA FT4, IEC 60332-3-22

Cable Cross-Section



Contact assignment

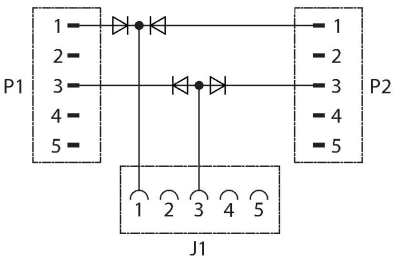
Steckverbinder A (P1-2) Connector B (J1)



Technical data

Cable diameter	Ø 10.01 mm
Cable length	0.4 m, 0.2 m
Cable jacket	TPE, Black
Conductor diameter	0.105 "
Conductor material	BC (bare copper)
Core insulation	PVC/nylon
Core cross-section	5 x 16 AWG [Similar to 1.50 mm²]
Arrangement of strands	65 x 34 AWG
Core colors	BN, WH, BU, BK, GY
Electrical properties at +20 °C	
Rated voltage	63 VDC
Current	16 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)	-30...+90 °C
Ambient temperature (mobile)	-40...+90 °C
Ambient temperature during installation	-20...+90 °C
Approval	
Note	
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.	

Diagram



Accessories

Dimension drawing	Type	ID	
	TORQUE-WRENCH-SET-BUS	6936171	Torque wrench set; grip with adjustable torque 0.4 to 1.0 Nm; torque wrench set, fork wrench for M8 (SW9), fork wrench for M12 (SW13), fork wrench for M12 (SW14)