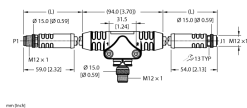
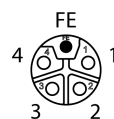
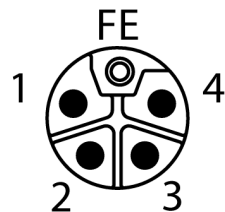


M12 Power Junction System
Tee
RSP56PL-0.2-FSM4-RKP56PL-0.2/CS17640



Type	RSP56PL-0.2-FSM4-RKP56PL-0.2/CS17640
ID	100029892
Special version	CS17640 = custom wiring, BK plug body, OG Tee body.
Distributed I/O	T-splitter
Housing	Plastic, TPU, Orange
Connector A	Male, M12 × 1, L-code
Design specification	Acc. to IEC 61076-2-111
Number of contacts	4+FE
Contact carriers	Plastic, PA, Black
Connector body	Plastic, TPU, Gray
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque	0.8 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	2
Connector B	Female, M12 × 1, L-code
Design specification	Acc. to IEC 61076-2-111
Number of contacts	4+FE
Contact carriers	Plastic, PA, Black
Connector body	Plastic, TPU, Black
Coupling nut	Brass, CuZn, Nickel-plated
Seal	O-ring, Plastic, FKM/FPM
Tightening torque	0.8 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	2

- M12 Power, Male, 4-pole + FE, L-code
- M12, Male, 4-pole, A-code
- M12 Power, Female, 4-pole + FE, L-code
- Power Tray/Exposed Run/Direct Burial Cable
- Black PVC jacket, 5X16 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, CSA FT1, CSA FT4, IEC 60332-3-22



Diagram

Connector C	Male, M12 × 1, A-code
Design specification	Acc. to IEC 61076-2-101
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PA, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque	0.8 ... 1 Nm
Mechanical lifespan	> 300 Mating cycles
Pollution degree	3

Cable data

Total number of conductors	5
Cable diameter	Ø 10.01mm
Cable jacket	TPE, Black
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 34AWG
Conductor colors	BN, WH, BU, BK, GY

Electrical properties at +20 °C

Rated voltage	63VDC
Current	12A (P1, J1) / 4A (P2)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)	-30...+90°C
Ambient temperature range (dynamic)	-40...+90°C
Temperature range (installation)	-20...+90 °C

Approval

Note

- 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.

