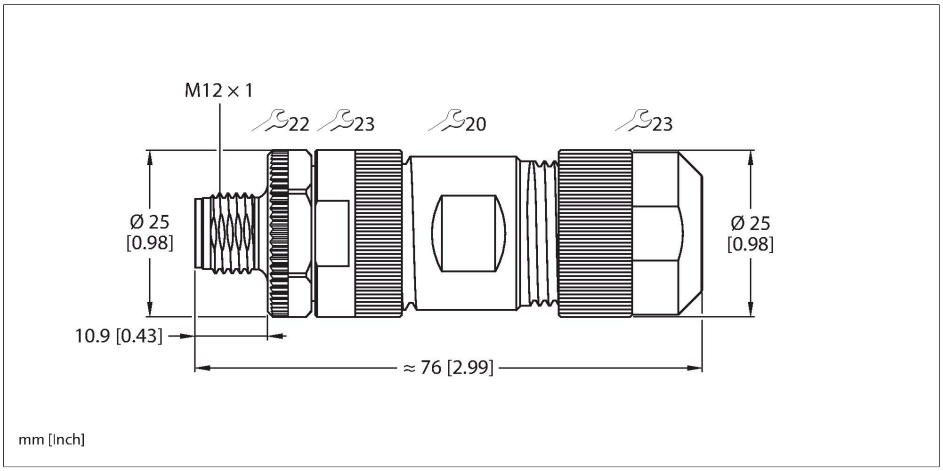
FW-ERSPM0514-PL-S-0813
Field-Wireable Connector – M12 Power Male Connector M12 × 1, Straight





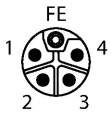
Technical data

Type	FW-ERSPM0514-PL-S-0813
ID	100008140
Connector A	Male, M12 × 1, Straight, L-coded
Number of pins	4+FE
Contacts	CuZn, Gold-plated
Contact carriers	Plastic, PA UL94-V0, Gray
Connector body	Plastic, Black
Coupling nut/screw	Die-cast Zinc, GD-Zn, Nickel-plated
External diameter of the cable	8…13 mm
Core cross-section/Clamping ability	0.75…2.5 mm²
Connection mode	Screw/clamp connection
Mechanical lifespan	> 100 Mating cycles
Protection class	IP67, (screwed together)
Electrical properties at +20 °C	
Rated voltage	50 V_{AC}/63 V_{DC}
Current	16 A
Mechanical and chemical properties	
Ambient temperature (fixed)	-40…+85 °C
Approvals	cULus recognized

Features

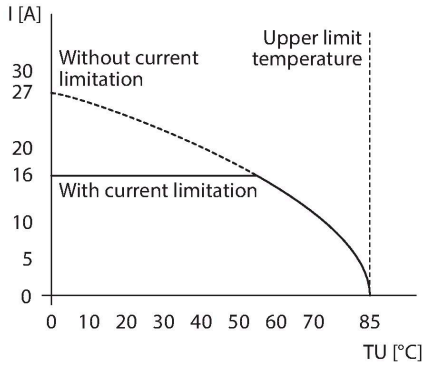
- L-coding
- Metal retaining screw
- Screw-clamp terminal
- 5-pin (4+FE)
- Cable feedthrough: 8.0…13.0 mm
- Terminal capacity:
  - Max. 1.5 mm² or 16 AWG (with cable end sleeve)
  - Max. 2.5 mm² or 14 AWG (without cable end sleeve)

Contact assignment

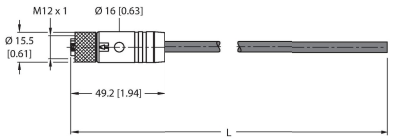
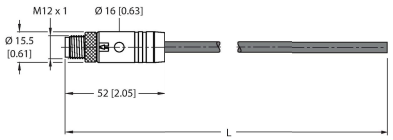


FW-ERSPM0514-PL-S-0813| 23-02-2025 10-46 | Technical modifications reserved

Derating Curve



Accessories

Dimension drawing	Type	ID	
	RKP56PLB-2/TXG	100006303	Connection cable, M12 female connector, straight, 5-pin, cable length: 2 m, jacket material: PVC, gray
	RSP56PLB-2/TXG	100018910	Connection cable, M12 male connector, straight, 5-pin, cable length: 2 m, jacket material: PVC, gray

FW-ERSPM0514-PL-S-0813| 23-02-2025 10-46 | Technical modifications reserved