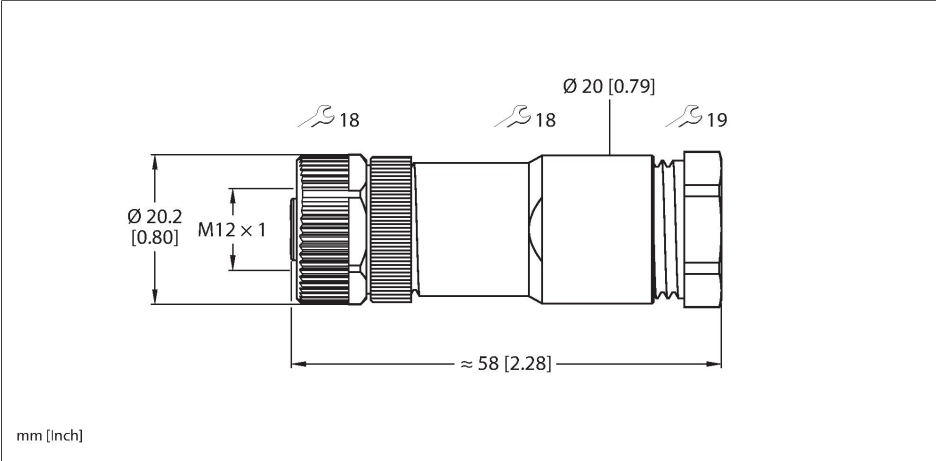


FW-ERKPM0414-PT-S-0810
Field-Wireable Connector – M12 Power
Female Connector M12 × 1, Straight



Technical data

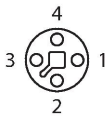
Type	FW-ERKPM0414-PT-S-0810
ID	100026334
Connector A	Female, M12 × 1, Straight, T-coded
Number of pins	4
Contacts	CuZn, Gold-plated
Contact carriers	Plastic, PA, Black
Connector body	Plastic, Black
Coupling nut/screw	Die-cast Zinc, GD-Zn, Nickel-plated
Seal	Plastic, FPM/FKM
External diameter of the cable	8...10 mm
Core cross-section/Clamping ability	0.75...1.5 mm ²
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	12 A
Mechanical and chemical properties	
Ambient temperature (fixed)	-40...+85 °C
Approvals	cULus recognized

Features

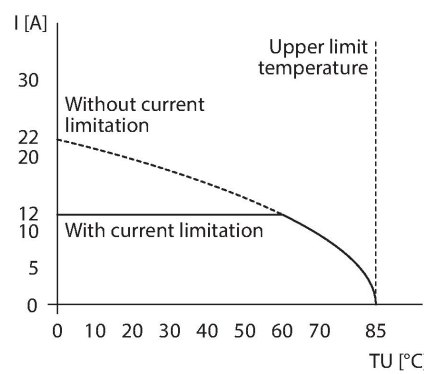


- T-coding
- Metal coupling nut
- Screw-clamp terminal
- 4-pin
- Cable feedthrough: 8.0...10.0 mm
- Terminal capacity:
 - Max. 1.5 mm² or 16 AWG (with cable end sleeve)
 - Max. 2.5 mm² or 14 AWG (without cable end sleeve)

Contact assignment



Derating Curve



Accessories

Dimension drawing	Type	ID
	RKP46PTB-2/TXL	100003332

