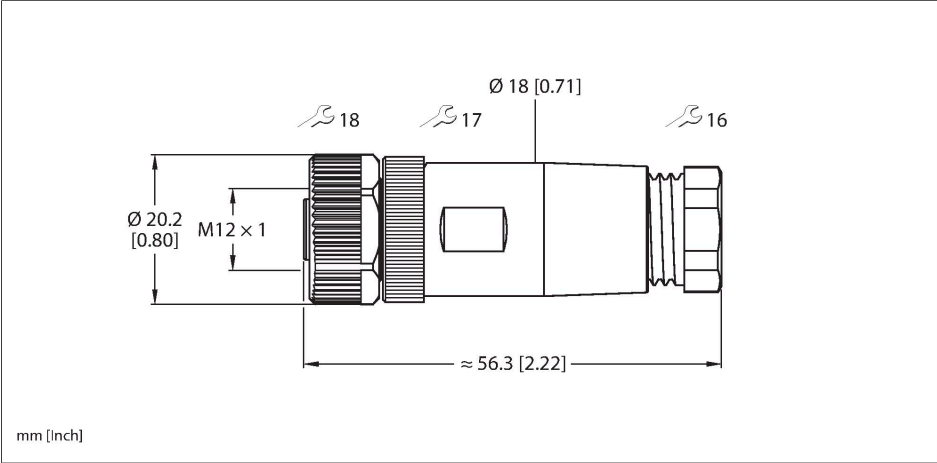


FW-ERKPM0414-PS-S-0608

Field-Wireable Connector – M12 Power

Female Connector M12 × 1, Straight



Technical data

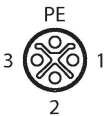
Type	FW-ERKPM0414-PS-S-0608
ID	100044183
Connector A	Female, M12 × 1, Straight, S-coded
Number of pins	3+PE
Contacts	CuZn, Gold-plated
Contact carriers	Plastic, PA, Black
Connector body	Plastic, Black
Coupling nut/screw	Die-cast Zinc, GD-Zn, Nickel-plated
Seal	Plastic, FPM/FKM
External diameter of the cable	6...8 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	630 V
Current	12 A
Mechanical and chemical properties	
Ambient temperature (fixed)	-40...+85 °C
Approvals	cULus recognized

Features

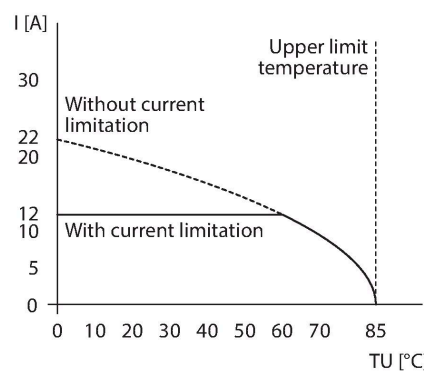


- S coding
- Metal coupling nut
- Screw-clamp terminal
- 4-pin (3+PE)
- Cable feedthrough: 6.0...8.0 mm
- Terminal capacity:
 - Max. 1.5 mm² or 16 AWG (with cable end sleeve)
 - Max. 2.5 mm² or 14 AWG (without cable end sleeve)

Contact assignment



Derating Curve



Accessories

Dimension drawing	Type	ID
	RKP46PSB-2/TXL	100003343

