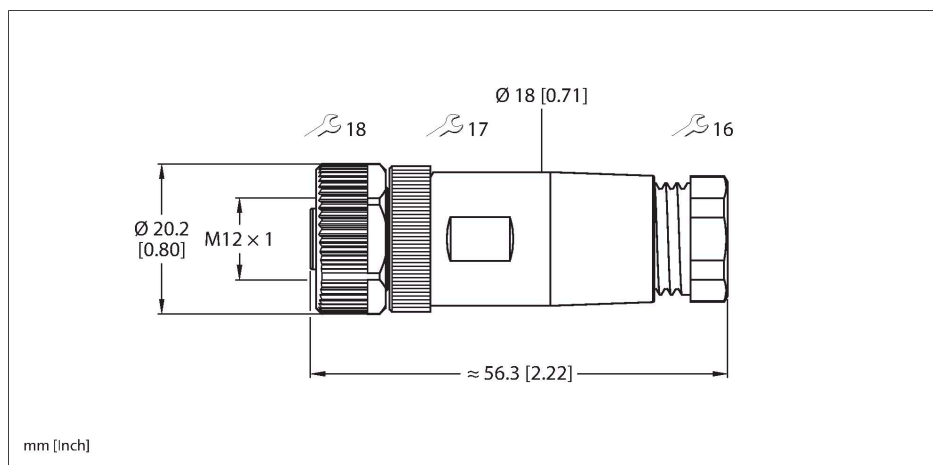


FW-ERKPM0414-PS-S-0608

Field-Wireable Connector – M12 Power Female Connector M12 × 1, Straight



Technical data

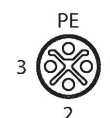
Type	FW-ERKPM0414-PS-S-0608
ID	100044183
Connector A	Female, M12 × 1, Straight, S-code
Number of contacts	3+PE
Contacts	CuZn, Gold-plated
Contact carriers	Plastic, PA, Black
Connector body	Plastic, Black
Coupling nut	Die-cast Zinc, GD-Zn, Nickel-plated
Connector seal	Plastic, FPM/FKM
Acceptable cable diameter	6...8 mm
Core cross-section/Clamping ability	0.75...2.5 mm ²
Connection mode	Screw/clamp connection
Mechanical life	> 100 Mating cycles
Protection class (When coupled)	IP67, (screwed together)
Electrical properties at +20 °C	
Rated voltage	630 V
Current	12 A
Mechanical and chemical properties	
Ambient temperature range (static)	-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

