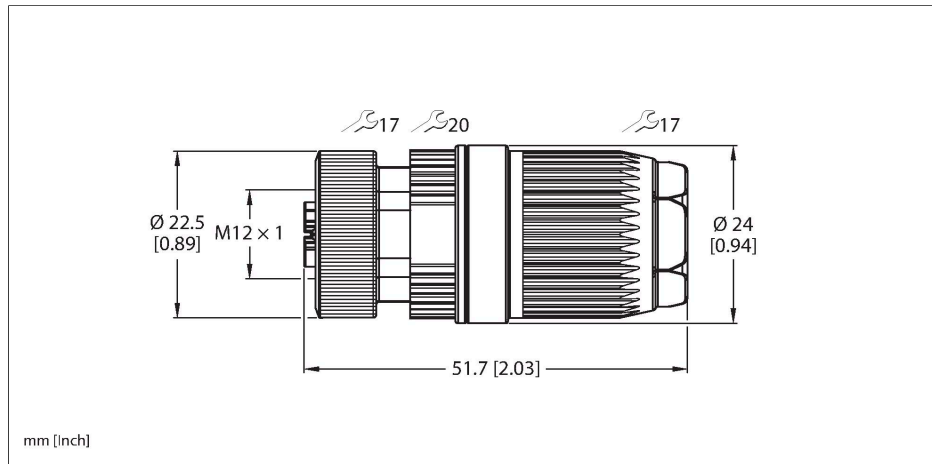


FW-ERKSM0516-PL-I-0613

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



Technical data

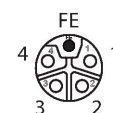
Type	FW-ERKSM0516-PL-I-0613
ID	100036741
Connector A	Female, M12 × 1, Straight, L-coded
Number of pins	4+FE
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PA, Black
Connector body	Die-cast Zinc, GD-Zn, Black
Coupling nut/screw	Die-cast Zinc, GD-Zn, Nickel-plated
Seal	Plastic, FPM/FKM
External diameter of the cable	6...13 mm
Core cross-section/Clamping ability	0.75...1.5 mm ²
Mechanical lifespan	> 500 Mating cycles
Protection class	IP65, IP67, (screwed together)
Electrical properties at +20 °C	
Rated voltage	63 V _{DC}
Current	12 A
Mechanical and chemical properties	
Ambient temperature (fixed)	-40...+85 °C
Approvals	cULus

Features



- L-coding
- Metal coupling nut
- Shieldable
- IDC quick connection
- 5-pin (4+FE)
- Cable feedthrough: 6.0...13.0 mm
- Terminal capacity: 0.75...1.5 mm²
- Male connector acc. to IEC 61076-2-111

Contact assignment



Derating Curve

