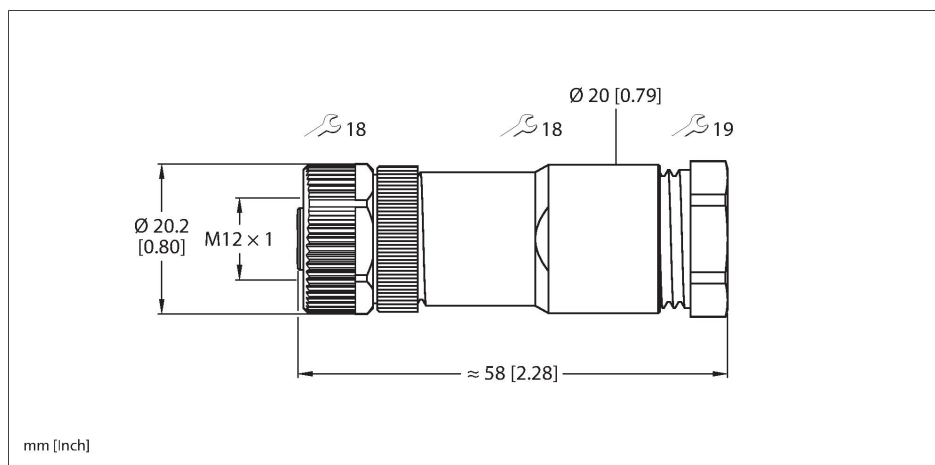


RK46PT-S-0

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



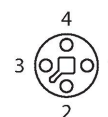
Technische Daten

Type	RK46PT-S-0
ID	U2-31185
Connector A	Female, M12 × 1, Straight, T-code
Number of contacts	4
Contacts	CuZn, Gold-plated
Contact carriers	Plastic, PA, Black
Connector body	Plastic, PA, Black
Coupling nut	Zinc, GD-Zn, Nickel-plated
Connector seal	Plastic, FPM/FKM
Acceptable cable diameter	8...10 mm
Core cross-section/Clamping ability	16 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	63 V
Rated voltage	50 V _{AC} /63 V _{DC}
Current	12 A
Mechanical and chemical properties	
Ambient temperature range (static)	-40...+85 °C

Features

- Straight Female M12 powerfast Field Wireable
- 4 pins
- Screw termination
- Plastic housing
- 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



Technische Daten

Note	- CAUTION: RISK OF ELECTRICAL SHOCK. DO NOT DISCONNECT UNDER LOAD.
	- We reserve the right to make technical alterations without prior notice.

Derating Curve

