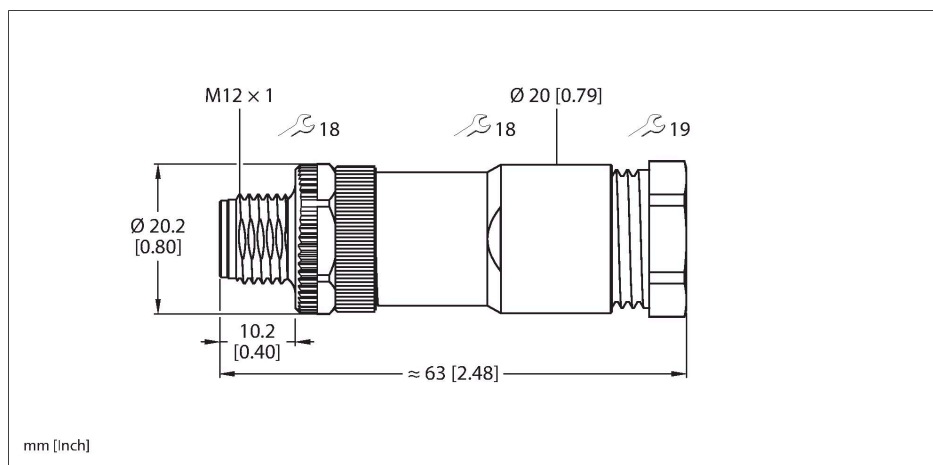


RS46PS-S-0

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



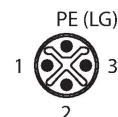
Technische Daten

Type	RS46PS-S-0
ID	U2-30822
Connector A	Male, M12 × 1, Straight, S-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
Acceptable cable diameter	8...10 mm
Core cross-section/Clamping ability	16 mm²
Connection mode	Screw/clamp connection
Mechanical life	> 100 Mating cycles
Protection class (When coupled)	IP67, (screwed together)
Electrical properties at +20 °C	
Rated voltage	600 V
Current	12 A
Mechanical and chemical properties	
Ambient temperature range (static)	-40...+85 °C
Note	
- CAUTION: RISK OF ELECTRICAL SHOCK. DO NOT DISCONNECT UNDER LOAD.	
- We reserve the right to make technical alterations without prior notice.	

Features

- Straight Male M12 powerfast Field Wireable
- 4 pins
- Screw termination
- Plastic housing
- Screw-clamp terminal
- 4-pin (3+PE)
- 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

