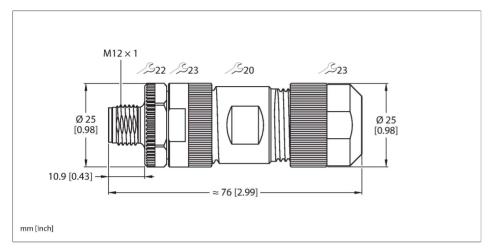


RS56PK-S-0 M12 Power – Field-Wireable Connector Male Connector M12 × 1, Straight





ID no. U2-33829 Connector A Male, M12 × 1, Straight, K-coded Number of Pins 4+PE Contacts CuZn, Gold-plated Contact carriers Plastic, PA UL94-V0, Black Connector body Plastic, PA, Black Coupling nut Die-cast Zinc, GD-Zn, Nickel-plated Connector seal Plastic, FPM/FKM Panel seal plastic External diameter of the cable min. 813 mm Connection mode Screw/clamp connection Mechanical life > 100 Mating cycles Protection class (When coupled) IP67, (screwed together) Shield no Electrical properties at +20 °C Rated voltage 630 V Current 12 A Mechanical and chemical properties	Туре	RS56PK-S-0
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Coupling nut Die-cast Zinc, GD-Zn, Nickel-plated Connector seal Plastic, FPM/FKM Panel seal plastic External diameter of the cable Connection mode Screw/clamp connection Mechanical life Protection class (When coupled) Shield no Electrical properties at +20 °C Rated voltage 630 V Current Die-cast Zinc, GD-Zn, Nickel-plated Plastic, FPM/FKM Panel seal plastic Screw/clamp connection IP67, (screwed together) no Electrical properties at +20 °C Rated voltage 630 V Current	Contact carriers	Plastic, PA UL94-V0, Black
Connector seal Plastic, FPM/FKM Panel seal plastic External diameter of the cable min. 813 mm Connection mode Screw/clamp connection Mechanical life > 100 Mating cycles Protection class (When coupled) IP67, (screwed together) Shield no Electrical properties at +20 °C Rated voltage 630 V Current 12 A	Connector body	Plastic, PA, Black
Panel seal plastic External diameter of the cable min. 813 mm Connection mode Screw/clamp connection Mechanical life > 100 Mating cycles Protection class (When coupled) IP67, (screwed together) Shield no Electrical properties at +20 °C Rated voltage 630 V Current 12 A	Coupling nut	Die-cast Zinc, GD-Zn, Nickel-plated
External diameter of the cable min. 813 mm Connection mode Screw/clamp connection Mechanical life > 100 Mating cycles Protection class (When coupled) IP67, (screwed together) Shield no Electrical properties at +20 °C Rated voltage 630 V Current 12 A	Connector seal	Plastic, FPM/FKM
Connection mode Screw/clamp connection Mechanical life > 100 Mating cycles Protection class (When coupled) IP67, (screwed together) Shield no Electrical properties at +20 °C Rated voltage 630 V Current 12 A	Panel seal	plastic
Mechanical life > 100 Mating cycles Protection class (When coupled) IP67, (screwed together) Shield no Electrical properties at +20 °C Rated voltage 630 V Current 12 A	External diameter of the cable	min. 813 mm
Protection class (When coupled) Shield no Electrical properties at +20 °C Rated voltage 630 V Current 12 A	Connection mode	Screw/clamp connection
Shield no Electrical properties at +20 °C Rated voltage 630 V Current 12 A	Mechanical life	> 100 Mating cycles
Electrical properties at +20 °C Rated voltage 630 V Current 12 A	Protection class (When coupled)	IP67, (screwed together)
Rated voltage 630 V Current 12 A	Shield	no
Current 12 A	Electrical properties at +20 °C	
1277	Rated voltage	630 V
Mechanical and chemical properties	Current	12 A
	Mechanical and chemical properties	
Ambient temperature range (static) -40 °C+85 °C	Ambient temperature range (static)	-40 °C+85 °C



Features

- ■K-coding
- Metal retaining screw
- Screw-clamp terminal
- ■5-pin (4+PE)
- Cable feedthrough: 8.0...13.0 mm
- ■Terminal capacity:
- Max. 1.5 mm² or 16 AWG (with cable end
- Max. 2.5 mm² or 14 AWG (without cable end sleeve)

Contact assignment





Technical data

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

Derating Curve

