



M12 Female Plug Straight Metal Shell Field Wireable Connector, IP67 Rugged Connector



Basic Information

Cable OD	PG7(4~6mm), PG9(6~8mm)
Connector Type	Plug
Contact Termination	Screw Termination
Fastening Type	Threaded
Gender	Female
Key	A, B, D
Mounting Type	Cable Mount
Number of Positions	12 Pin, 17 Pin, 2 Pin, 3 Pin, 4 Pin, 5 Pin, 6 Pin, 8 Pin
Orientation	Straight
Product Type	Field Wireable Connector
Shell Size	M12

Material Specification

Contact Finish	Gold Plating
Contact Material	Copper Alloy
Insulation Material	PA66
Shell Material	Copper Alloy

Electrical Specification

Rated Current	2A, 4A
Rated Voltage	250V, 30V, 60V
Shielding	Shield

Environmental Specification

Ingress Protection	IP67
Operating Temperature	-25°C ~ + 85°C

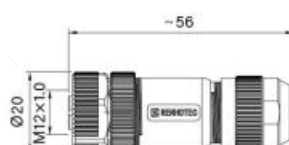
Mechanical Specification

Mating Cycles	≥500
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Contact Layout

Pins	Rated current	Rated voltage		Wire gauge		Female Contact			Male Contact		
		AC	D/C	AWG	mm²	A-Code	B-Code	D-Code	A-Code	B-Code	D-Code
2	4A	250V	250V	22	0.34						
3	4A	250V	250V	22	0.34						
4	4A	250V	250V	22	0.34						
5	4A	60V	60V	22	0.34						
6	2A	30V	30V	24	0.25						
8	2A	30V	30V	24	0.25						
12	1.5A	30V	30V	26	0.14						
17	1.5A	30V	30V	26	0.14						

Size



Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.