



M12 Female Socket Straight Soldering Front Fastened Connector for Wireless Pressure Transmitter



Basic Information

Connector Type	Receptacle
Contact Termination	Solder Cup
Fastening Type	Threaded
Gender	Female
Key	A, B, D
Mounting Type	Panel Mount
Mounting Feature	Front Fastened
Number of Positions	12 Pin, 17 Pin, 2 Pin, 3 Pin, 4 Pin, 5 Pin, 6 Pin, 8 Pin
Orientation	Straight
Product Type	Panel Mount Receptacle
Shell Size	M12

Material Specification

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

Electrical Specification

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

Environmental Specification

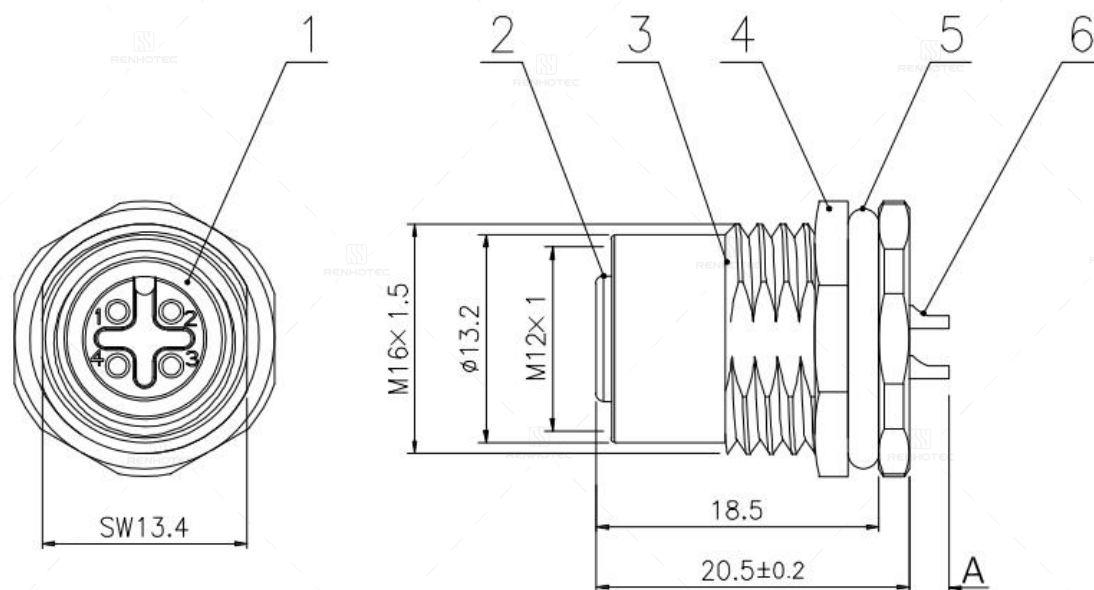
Ingress Protection	IP67
Operating Temperature	-25°C ~ + 85°C

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.