



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



Basic Information	
Connector Type	Receptacle
Contact Termination	Solder Cup
Fastening Type	Threaded
Gender	Female
Key	A, B, C, D, K, L, S, T
Mounting Type	Panel Mount
Mounting Feature	Back 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 for 3/4 Pin, 30V for 8/12/17 Pin, 60V for 5 Pin
Shielding	Unshielded

Environmental Specification

Ingress Protection	IP67, IP68
Operating Temperature	-25°C ~ + 85°C

Mechanical Specification

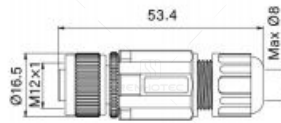
Mating Cycles	≥500
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Contact Layout

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						

Standard Code type	Pins	Rated current	Rated voltage AC	Rated voltage D/C	Wire gauge AWG	Wire gauge mm²	Female Contact	Male Contact
B-Code	3	12A	630V	630V	16	1.5		
	4	12A	630V	630V	16	1.5		
	2	12A	60V	60V	16	1.5		
	2-PE	12A	60V	60V	16	1.5		
K-Code	3-PE	12A	60V	60V	16	1.5		
	2	16A	800V	800V	16	2.5		
	2-PE	16A	800V	800V	16	2.5		
	3-PE	16A	800V	800V	16	2.5		
L-Code	4-PE	16A	800V	800V	16	2.5		
	2	16A	63A	63A	14	2.5		
	2-PE	16A	63A	63A	14	2.5		
	3	16A	63A	63A	14	2.5		
	3-PE	16A	63A	63A	14	2.5		
	4	16A	63A	63A	14	2.5		

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.