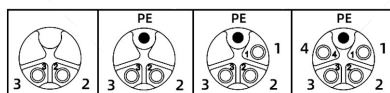



M12 K Coded Front Panel Mount Connector


Basic Information

Connector Type	Receptacle
Contact Termination	Crimp, Solder Cup
Gender	Female, Male
Key	K
Mounting Type	Panel Mount
Number of Positions	2 Pin, 3 Pin, 4 Pin, 5 Pin
Orientation	Straight
Product Type	Panel Mount Receptacle

Material Specification

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

Electrical Specification

Shielding	Unshielded
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Environmental Specification

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

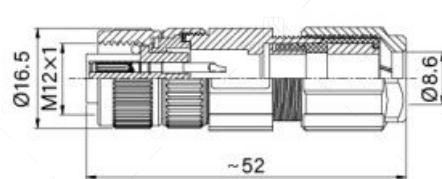
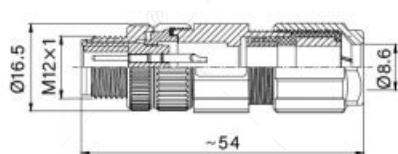
Mechanical Specification

Mating Cycles	≥500
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Contact Layout

Interface Code type	Pole	Rated current	Rated voltage A/C	Rated voltage D/C	Wire gauge AWG	Wire gauge mm ²	Female Contact	Male Contact
S-Code	3	12A	630V	630V	16	1.5		
	4	12A	630V	630V	16	1.5		
T-Code	2	12A	60V	60V	16	1.5		
	2+PE	12A	60V	60V	16	1.5		
	3+PE	12A	60V	60V	16	1.5		
K-Code	2	16A	800V	800V	16	2.5		
	2+PE	16A	800V	800V	16	2.5		
	3+PE	16A	800V	800V	16	2.5		
	4+PE	16A	800V	800V	16	2.5		
L-Code	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		
	4+PE	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.