



M12 Male Plug Straight Shielded Field Wireable Connector, Solder Cup

Part Number:

RHT-634-3538

Basic Information

Contact Termination	Solder Cup
Gender	Male
Key	K, L, M, S, T
Number of Positions	2, 2+PE, 3, 3+PE, 4, 4+PE, 5+PE
Orientation	Straight
Product Type	Field Wireable Connector

Material Specification

Body Material	Brass, Nickel Plated
Contact Finish	Gold
Contact Material	Brass
Insulation Material	PA66
Screw Nut Material	Brass, Nickel Plated
Seal	Black, NBR
Wire Gauge	22AWG/0.34mm ²

Electrical Specification

Contact Resistance	≤5mΩ
Insulation Resistance	≥100MΩ
Rated Current	12A
Rated Voltage	630V
Shielding	Shielded

Environmental Specification

Operating Temperature	-25°C ~ +80°C
Protection Rating	IP67(Mated)

Mechanical Specification

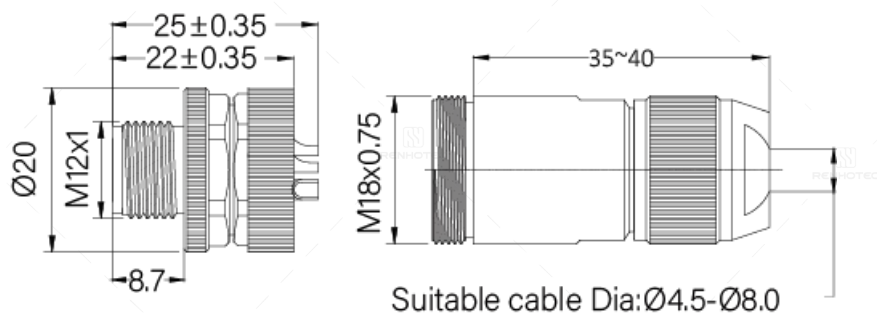
Mating Cycles	≥500
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Contact Layout

Interface Code type	Pins	Rated current	Rated voltage A/C	Rated voltage D/C	Wire gauge AWG	Wire gauge mm²	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		

Interface Code type	Pins	Rated current	Rated voltage		Wire gauge		Female Contact	Male Contact
			A/C	D/C	AWG	mm²		
M-Code	2	8A	630V	630V	16	1.5		
	2+PE	8A	630V	630V	16	1.5		
	3+PE	8A	630V	630V	16	1.5		
	4+PE	8A	630V	630V	16	1.5		
	5+PE	8A	630V	630V	16	1.5		

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.