



M8 Male Straight Metal Shell Shield Molded Cable Connector for Industrial IoT Sensor



Basic Information

Connector Type	Plug
Contact Termination	Solder Cup
Coupling	Threaded Coupling
Gender	Male
Key	A, B
Number of Positions	3 Pin, 4 Pin, 5 Pin, 6 Pin, 8 Pin
Orientation	Straight

Material Specification

Contact Finish	Au
Pin Contact	CuZn
Shell Material	Metal
Socket Contact	CuSn
Wire Gauge	0.14/0.25/0.34mm ² /(26/24/22AWG)

Electrical Specification

Contact Resistance	<10 MΩ
Insulation Resistance	≥100 MΩ
Rated Current	1.5A for 8 Pin, 2A for 6 Pin, 4A for 3/4/5 Pin
Rated Voltage	30V for 8 Pin, 60V for 3/4/5/6 Pin
Shielding	Shield

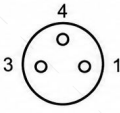
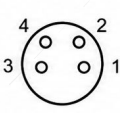
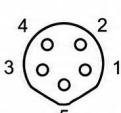
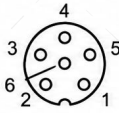
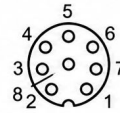
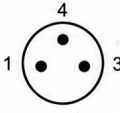
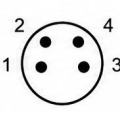
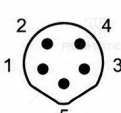
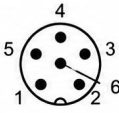
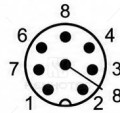
Environmental Specification

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

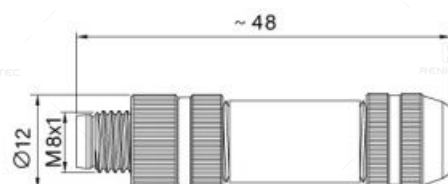
Mechanical Specification

Mechanical Operation	>500 Mating Cycles
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Contact Layout

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					
Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded

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.