

Model List (For other models, please contact customer service)

Model	Port Size	Gas Passage	Signal Circuits@1 ~ 2A	L (mm)	D (mm)	Pipe Size
HQ08005-06M	M5 Port	10	6	17	22	4 ~ 6mm
HQ08005-12M	M5 Port	10	12	24.5	22	4 ~ 6mm
HQ08005-18M	M5 Port	10	18	31.9	22	4 ~ 6mm
HQ08005-24M	M5 Port	10	24	39.6	22	4 ~ 6mm
HQ08005-36M	M5 Port	10	36	54.5	22	4 ~ 6mm

Technical Specification

Mechanical		Electrical		
Spec	Data	Spec	Data	
Gas Passages	10 IN 10 OUT, M5		Power	Signal
Pressure&Torque	Max. 1MP, Vacuum-1.5Kpa; Torque < 1.2 N.m	Voltage	0 ~ 240VAC/VDC	0 ~ 240VAC/VDC
Working Life	About 10 million revolutions (depend on the working environment)	Resistance	≥ 500MΩ/300vdc	≥ 500MΩ/300vdc
Rated Rotating Speed	500RPM	Lead Wire Spec	AWG16#Tin-plated Teflon	AWG22#Tin-plated Teflon
Working temp. & humidity	-30°C ~ -75°C, 0 ~ 80%RH	Lead Wire Length	Standard Length: 300mm	
Material	Housing Material: Aluminum Alloy Contact Material: Precious Metal	Insulation Strength	500VAC@50Hz, 10s	
IP Grade	IP51	Electrical Noise	<0.01Ω	

Product Quality Level Table

Grade Code	Working Life	Sealing Ring	Max. Rotating Speed
VD (Industrial)	6 million revolutions	Imported brand	300RPM
VC (Standard)	5 million revolutions	Domestic brand	100RPM

Options for custom slip ring

Special requirements: 1 piece MOQ, delivery time will need extra 4-15 days, the cost of customization needs to be negotiated. The requirements for customization below can be met:

- ① High temperature can reach up to 500°; ② High voltage can reach up to 110KV; ③ High speed rotating speed can reach up to 1000RPM ④ Large current can reach up to 5000A; ⑤ Can combine with rotary joint; ⑥ Can combine to transmit with signal; ⑦ Can customize as your required size; ⑧ Aviation plug is optional; ⑨ Can combine to transmit in high speed rotating speed; ⑩ Underwater waterproofing is optional.