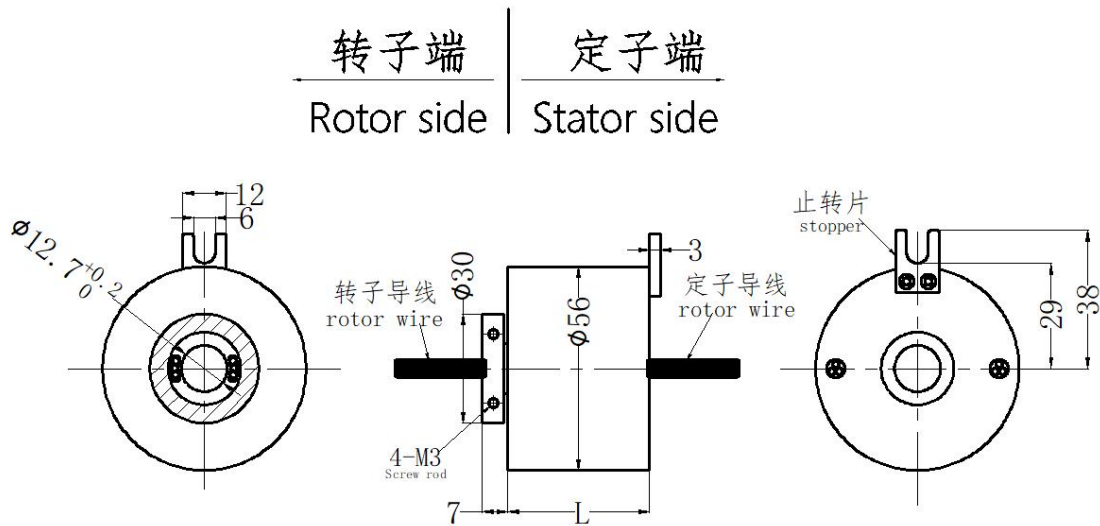


HE/HU1256 Series

Integrated structure designed precision signal slip ring, with center through bore ID 12.7mm, OD56mm, suitable for rotating application which requires rotating shaft center through bore $\leq 12.7\text{mm}$, (remark: if need a through bore $<12.7\text{mm}$, can add an inner bushing)



【Drawing】



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

Model	Signal or Power, $\leq 5\text{A}$	Length L(mm)	Model	Signal or Power, $\leq 5\text{A}$	Length L(mm)
HE1256-01	8+1	48	HU1256-01	4	33
HE1256-02	16+1	72	HU1256-02	8	45
HE1256-03	24+1	96	HU1256-03	12	57
HE1256-04	32+1	120	HU1256-04	16	69

Note: Circuits can be combined in parallel for bigger current, N circuits of 2A to get $N*2\text{A}$, such as 2 circuits of 5A in parallel for 10A use. For other models, please contact customer service for special requirements.

Technical Specification

Mechanical		Electrical		
Spec	Data	Spec	Power	Signal
Torque	0.1N.m+0.03N.m/6 Circuits	Rated Voltage	0 ~ 240VAC/VDC	0 ~ 240VAC/VDC
Working Life	Please refer to "Product Quality Level Table".	Rated Resistance	≥ 500MΩ/300v dc	≥ 500MΩ/300vdc
Rated Rotating Speed	Please refer to "Product Quality Level Table".	Lead Wire Spec	RJ45-RJ45-* M	Micro USB Type-C Appl
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	Max Speed	Working Life	Contact Material
C(Standard)	250RPM	20 million revolutions	Precious metal
D(Industrial)	600RPM	80 million revolutions	Gold plated-Gold plated
H(High Precision)	1000RPM	150 million revolutions	Gold Alloy

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.