

HM012-OD 12.4mm

Eayonsy®

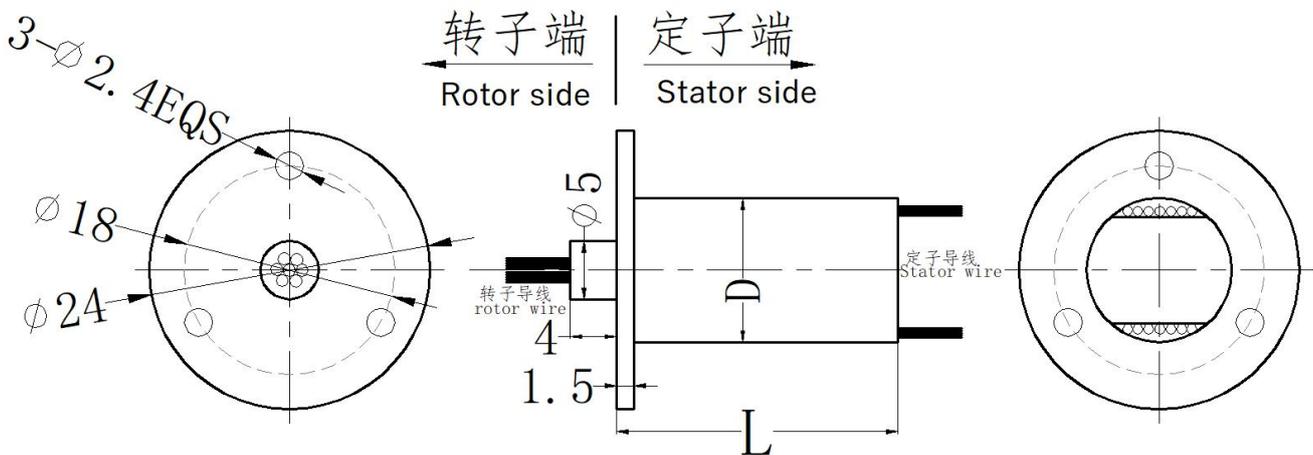
HM012 is a standard capsule slip ring with flange mounted, adopts gold-gold contact points, ensuring good stability and long working life. It is mainly used in civil and commercial fields.

Features: super-thick gold-plated processing, adopts original imported bearing and precious metal alloy metal brush. It's sturdy and wear-resistant, high voltage and high temperature

withstanding, operate smoothly when 360° rotating, extremely low resistance fluctuation; long working life, low torque, not easy to heat up.



【Drawing】



Model List

Circuits no.	4 circuits	6 circuits	8 circuits	12 circuits	18 circuits
Outer Diameter (D) (mm)	12.4	12.4	12.4	12.4	12.4
Length (L) (mm)	11	13.2	15.4	19.8	23.9
Model	HM012-04	HM012-06	HM012-08	HM012-12	HM012-18

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

Technical Specification

IP Grade	IP40	Working Voltage	240V AC/DC	Lead Wire Specification	0.65-AWG28#Teflon
Working Temp.	-20 ~ +70°C	Working Current	2A	Insulation Strength	>100VAC@50 Hz
Working Humidity	Less than 60%RH	Rotating Speed	0 ~ 300RPM	Insulation Resistance	>500MΩ @500VDC
Housing Material	Engineering plastics	Contact Material	Gold-gold Contacts Points	Electrical Noise	<35MΩ (50rpm)
Working Life	3 million resolutions per year	Medium Type	Signal or Power	Lead Wire Length	Stator: about 250mm Rotor: about 250mm

Note: Wire color sequence: BLK/RED/YEL/GRN/BLU/WHT, 6 color wires as one group, the next group repeats as sequence, use number tube to tell group 1#, 2#...

Lead Wires Color Code

Ring	1	2	3	4	5	6	7	8	9	10	11	12
Color	BLK	RED	YEL	GRN	BLU	WHT	BLK	RED	YEL	GRN	BLU	WHT

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:

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