



## HM010 Series

HM010 series is a mini capsule slip ring with OD 10.5mm (4~18 rings optional), length 12mm to 24.5mm. Gold to gold contact material ensures low contact resistance, low torque and reliable performance.

### Features

- ◆ Compact design with OD10.5mm, length 12mm to 24.5mm.
- ◆ 4~18rings optional
- ◆ Low torque, less than 0.06N.m
- ◆ Operating smoothly and reliability
- ◆ Extremely low electrical noise
- ◆ Convenient to assembly

### Optional

- ◆ Operation speed, current & voltage
- ◆ Connector
- ◆ Type of Flange
- ◆ No. of rings
- ◆ Housing material
- ◆ Position of wire outlet
- ◆ Protection level (dust and water)
- ◆ Compatible with FORJ, RF, digital signal, analog signal, data bus protocols, Ethernet signal and so on.

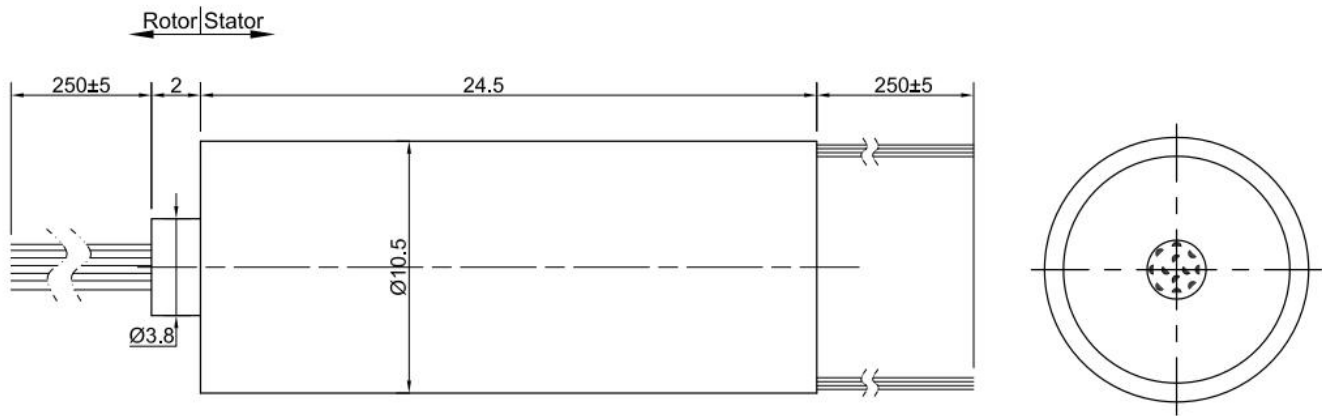
### Specifications

Electrical Data		Mechanical Data	
Rated Voltage	0~240 VAC/VDC	Max. Speed	0-250RPM
Rated Current	1A/ring	Working Temperature	-20°C~+80°C
Lead Size	AWG30, Silver plated Teflon colour coded	Working Humidity	60% RH or higher
Lead Length	Standard 250mm (adjustable)	Housing Material	Engineering plastic
Dielectric Strength	500VAC@50HZ,60S	Contact material	Gold to gold
Insulation Resistance	500MΩ/500VDC	IP rating	IP51
Electrical Noise	<0.01Ω		

## Lead Wires Color Code

Ring#	1	2	3	4	5	6	7	8	9	10	11	12
Color	RED	BLK	WHT	YEL	GRN	BLU	PUP	GRY	BRN	ORN	DBLU	KHK
Ring#	13	14	15	16	17	18	19	20	21	22	23	24
Color	WHT-RED	WHT-BLK	WHT-BLU	WHT-PUP	WHT-BRN	WHT-GRN	WHT-ORN	WHT-YEL	WHT-GRY	WHT-RED	WHT-BLU	WHT-GRN

## Drawing for HM010-nQ-SW



## Model List

Model	Number of Rings	Rated Current	Rated Voltage	Length (mm)
HM010-6Q-SW	6	1A	0~240V	24.5
HM010-8Q-SW	8	1A	0~240V	24.5
HM010-10Q-SW	10	1A	0~240V	24.5
HM010-12Q-SW	12	1A	0~240V	24.5
HM010-15Q-SW	15	1A	0~240V	24.5
HM010-18Q-SW	18	1A	0~240V	24.5