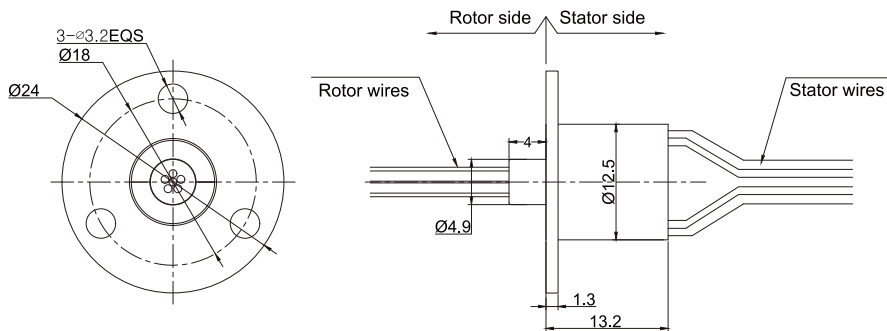


MMC132 Series Compact Slip Rings

OD 12.5mm, 1~6Circuit

MMC132 is an ultra miniature cap slip ring that uses gold contact points to ensure stability and service life. It is mainly used in civil and commercial fields. The product adopts the surface treatment process of the US military industry, with ultra hard gold coating treatment, ensuring extremely low resistance fluctuation and long working life. Mainly used for transmitting weak control signals and weak currents in small and medium-sized systems. Such as video, control, sensor power supply, Ethernet Low torque, low loss, and maintenance free; Low electrical noise.

Typical applications: security monitoring, photography and videography, robots, testing instruments, turntables, and automation equipment. MMC132 is a high-end product of MMC132, with ultra thick gold plating treatment, fully imported bearings, rare metal alloy brush wires, mainly used in non civilian fields such as military and national defense,



Part# Explanation

MMC 132(9)

MMC: Miniature capsule slip ring

132 Common quality version
1329: High-end quality version

Specification

Electrical Data		
Parameter	Value	
	Power	Signal
Rated Voltage	0~240VAC/VDC	0~240VAC/VDC
Insulation Resistance	≥100MΩ/500VDC	≥100MΩ/500VDC
Lead Wires	AWG20#teflon	AWG28#teflon
Lead Length	Standard 300mm(adjustable)	
Electrical Noise	< 0.01Ω	
Mechanical Data		
Parameter	Value	
Working Life	See Product Quality Level Table	
Rotating Speed	See Product Quality Level Table	
Working Temperature	-30°C~80°C	
Operating Humidity	0~85% RH	
Contact Material	See Product Quality Level Table	
Housing Material	See Product Quality Level Table	
Torque	0.005N.m; +0.02N.m/6rings	
Protection Grade	IP51	

Part# List

MMC132 Series Parts# List			
Part#	6A	Signal/2A	Total Wires
MMC132	0	6	6
MMC132-P0206	6	0	6

Note: N channels 1A rings parallel can be used as 1 channel N × 1A current. For example: 2 rings 1A parallel could be used as 1 wires 2A ,please contact sales for special requirements

Product Quality Level Table

Part#	Max Speed	Working Life	Housing Material	Electrical Noise①@10RPM
MMC132	250RPM	> 10 million	Plastics	10mΩ
MMC1329	1000RPM	> 30 million	Plastics	4mΩ

Lead Wires Color Code

Ring	1	2	3	4	5	6	7	8	9	10	11	12
Color	BLK	RED	YLK	GRN	BLU	WHT	BN	OG	PL	GY	BU	PK

Options for custom slip ring

- MMC1329 is the high-end version corresponding to MMC132.
- Optional flange mounting.
- Specified connectors and Heat-shrink tube.
- Longer lead lengths available.
- High temperature is optional.
- Military Grade.