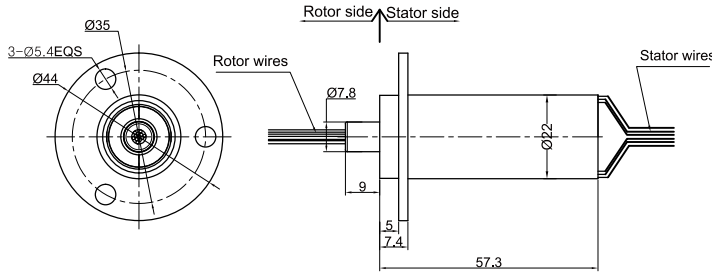


MC573 Capsule Slip Rings

MC573 slip rings are small and compact with OD 22mm * L 57.3mm, with capsule style, standard, off-the-shelf. Color-coded lead wires are used on both the stator and rotor for simplified electrical connections. Using a 90° V-groove ring design for each ring. MC5739 is the high-end version corresponding to MC573, It has higher performance and longer working life, higher speed rotating speed, low noise.



Part# Explanation

MC 573(9)-FL01

MC : capsule slip ring

573 : common quality version
5739 : high-end quality version

FL01: flange type

Part# List

MC573 Series Parts# List					
Part#	Signal/2A	4A	8A	15A	Total Wires
MC573	36	0	0	0	36

Note: N channels 2A rings parallel can be used as 1 channel N × 2A current. For example: 2 rings 2A parallel could be used as 1 wires 4A ,please contact sales for special requirements

Specifications

Mechanical Data		Electrical Data		
Parameter	Value	Parameter	Value	
Working Life	See Product Quality Level Table	Power	Signal	
Rotating Speed	See Product Quality Level Table	Rated Voltage	0~240VAC/VDC	0~240VAC/VDC
Working Temperature	-30°C~80°C	Insulation Resistance	≥100MΩ/500VDC	≥100MΩ/500VDC
Operating Humidity	0~85% RH	Lead Wires	AWG28#Teflon	AWG28#Teflon
Contact Material	See Product Quality Level Table	Lead Length	Standard 300mm(adjustable)	
Housing Material	See Product Quality Level Table	Electrical Noise	<0.01Ω	
Torque	0.05N.m; +0.01N.m/6rings			
Protection Grade	IP51			

Product Quality Level Table

Part#	Max Speed	Working Life	Tourque	Housing Material	Electrical noise@10RPM
MC573	250RPM	20 million	0.02 N-m	Plastics	10mΩ
MC5739	1000RPM	10 million	0.005 N-m	Metal	4mΩ

Lead Wires Color Code

Ring	1/2	3/4	5/6	7/8	9/10	11/12	13/14	15/16	17/18	19/20	21/22	23/24
Color	RED	GRN	YEL	VL T	GRA	BLK	BLU	DB	BRN	ORN	WHT	KHA
Ring	25/26	27/28	29/30	31/32	33/34	35/36						
Color	WHT RED	WHT BLK	WHT BLU	WHT VL T	WHT GRA	WHT GRN						

Options for custom slip ring

- MC5739 is the high-end version corresponding to MC573.
- Optional flange mounting.
- Specified connectors and Heat-shrink tube.
- Longer lead lengths available.
- High temperature is optional.
- Military Grade.