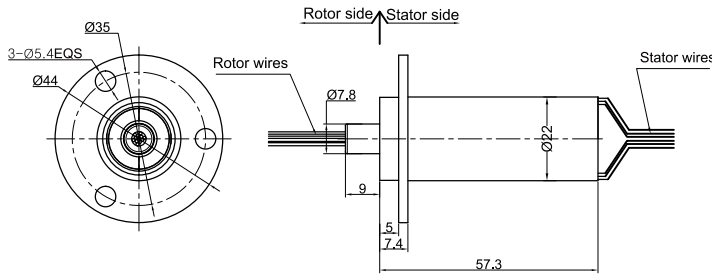


MC573 capsule slip rings

MC573 is standard capsule slip rings with gold-gold contacts, which ensured the stability of the signal transmission and working life, mainly used for civilian, commercial areas. MC5739 is the high-end version corresponding to MC573, ultra-thick gold-plated, imported bearings, rare metal alloy brushes, mainly used for military, defense and other non-civilian areas.



Part# Explanation

MC 573(9)-FL01

MC : capsule slip rings

573 : Normal version

5739 : High-end version

FL01: The flange type

Part# List

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

If you have special requirements, please contact customer service.

Specification

Electrical data			Mechanical data	
Parameter	Value		Parameter	Value
	Power	Signal	Working Life	See Product Quality Level Table
Rated Voltage	0~240VAC/VDC	0~240VAC/VDC	Rotating Speed	See Product Quality Level Table
Insulation Resistance	≥600MΩ/500VDC	≥600MΩ/500VDC	Working temperature	-30°C~80°C
Lead Wires	AWG#28	AWG#28	Operating Humidity	0~85% RH
Lead Length	Standard 300mm		Contact Material	See Product Quality Level Table
Dielectric Strength	500VAC@50Hz, 60s		Housing Material	See Product Quality Level Table
Electrical Noise	<0.01Ω		Torque	0.05N.m ; +0.01N.m/1ring
			Protection grade	IP51

Product Quality Level Table

The difference between MC573 and MC5739:

Part#	Max speed	Working life	Torque	Housing Material	Electrical noise①@10Rpm
MC573	250RPM	>20 million	0.02 N·m	Plastics	10mΩ
MC5739	1000RPM	>100 million	0.005 N·m	Metal	4mΩ

Lead Wires Color Code

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

Option 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.