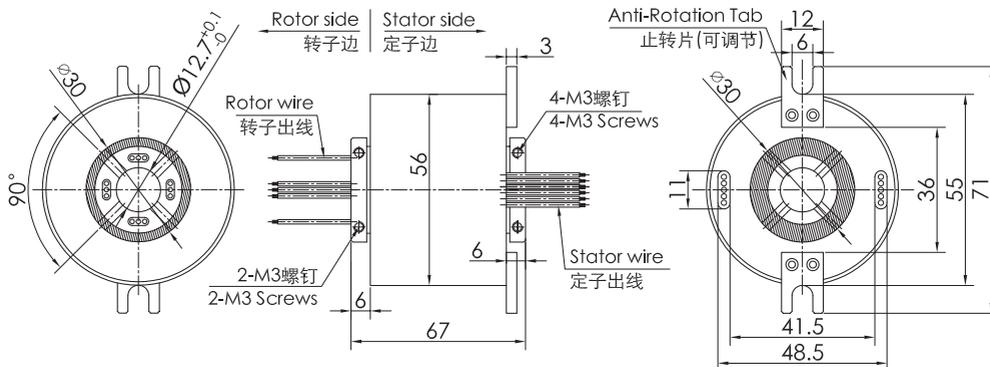




G012-12 series Super High Speed slip ring

Hole size 12.7mm, 12 circuits 5A power

SenRing G012-12 series High Speed, a kind of Hollow Shaft slip ring. With hole size 12.7mm, OD 56mm, integrated structure, light weight, high IP grade. Adopt the same materials for aero-engines (such as high temperature alloys and composites material), which can make sure the slip ring rotating continuously at high speed without cooling. Mainly applied in lab and any testing equipments to transmit power and kinds of signals when high speed rotating.



Technical Specification of the slip ring

Mechanical Data		Electrical Data	
spec	data	spec	data
Rotating speed	5000RPM	voltage range	0~440VAC/VDC
working temp.	-30℃~80℃	insulation resistance	$\geq 1000M\Omega/500VDC$
working temp.	0~85%RH	lead wire spec.	AWG22#UL Teflon
contact material	refer to slip ring grade table	lead wire length	standard 300mm (can be customized)
housing material	aluminum alloy	Dielectric Strength	800VAC@50Hz, 60s
torque	0.05N.m; +0.02N.m/6 circuits	Electrical noise	<0.01 Ω
IP grade	IP51	certificate	ROHS, CE

Color Code of Lead Wire

ring #	1	2	3	4	5	6	7	8	9	10	11	12
color	BLK	BRN	RED	ORG	YEL	GRN	BLU	PUR	GRY	WHT	PINK	LGT BLU
ring#	13	14	15	16	17	18	19	20	21	22	23	24
color	WHT/BLK	WHT/BRN	WHT/RED	WHT/ORG	WHT/YEL	WHT/GRN	WHT/BLU	WHT/PUR	WHT/GRY	BLK/RED	BLK/BRN	Transparent

Remark: "1" : the first wire from rotor side, G012-12 wire color sequence: BLK/BRN/RED/ORG/YEL /GRN/BLU/PUR/GRY/WHT/PINK/LGT BLU, 24 color wires as one group, if more than 24 wires, repeat as sequence, use number tube to tell group 1#, 2#....