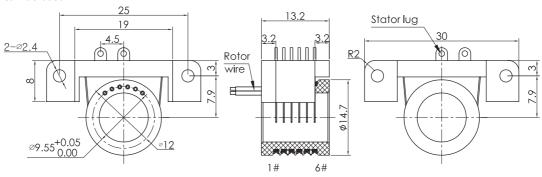# S010-06 series 6 channels miniature separate slip ring

6 circuits,OD 14.3mm,hole size 9.55mm

S010-06 series 6 channels miniature separate slip ring ,with small size.Applied to some special situation instead of SenRing Capsule slip ring.Suitable for any motor machines to transmit supply power/signal when unrestricted,intermittent,or continuous rotation,which can improve the machine performance, simplify the system operation and avoid damaging the wire hanging in the moving part of the machine.With advantage of small size in barrel shaped stator,single continuous copper ring around the axis of rotation.Used for some devices require to transmit weak current or signals when 360° rotating ,due to its installation is more complicated than standdard through hole slip rings and capsule slip rings , so Senring suggestion: It is better to avoid to choose separate slip ring if standard through hole slip ring can be used.

Technical Specification of the slip ring

Mechanical Data		Electrical Data		
spec	data	spec	data	
			power	signal
Circuits	6 circuits	voltage range	0~250VAC/VDC	0~250VAC/VDC
Rotating speed	250RPM	insulation resistance	≥1000MΩ/500VDC	≥1000MΩ/500VDC
working temp.	-40℃~80℃	lead wire spec.	AWG30# Silver -plated teflon	AWG30# Silver -plated teflon
work humidity	0~85% RH			
contact material	precious metal:gold-gold			
material	RoHS compliant	lead wire length	standard 150mm(can be customized)	
CE certificate	Yes	Dielectric Strength	300VAC@50Hz,60s	
		Electrical noise	<0.01Ω	

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 , S010-06 wire color sequence:BLK/BRN/RED/ORG/YEL/GRN , 24 color wires as one group , if more than 24wires, repeat as sequence , use number tube to tell group 1#, 2#….