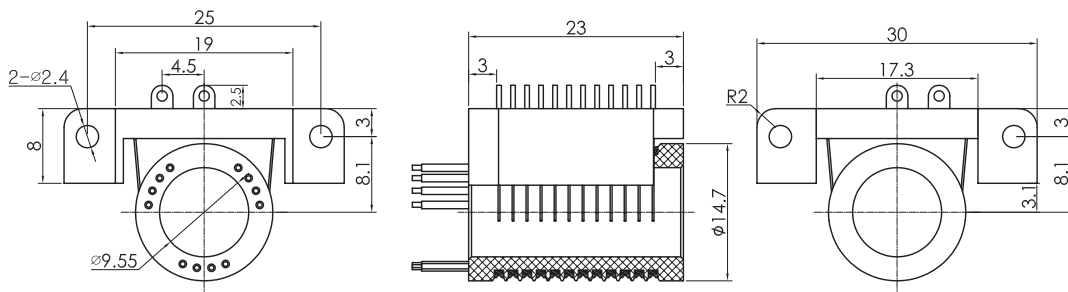




S010-12 series 12 circuits through hole separate slip ring

12 circuits, OD 14.3mm, hole size 9.55mm

SenRing SNS010-12 series 12 circuits miniature separate slip ring, with small size, housing length 23mm, OD 14.3mm, brush length 30mm, height 8.13mm, hole size 9.55mm, suitable for some special situation instead of SenRing Capsule slip ring. Applied to any devices to conduct or transmit a signal when 360° rotating which can improve machine performance, simplify system operation and avoid damage to wire hanging in moving parts of the machine. With advantage of small size in barrel shaped stator, while installation is more complicated than standard through hole slip rings and capsule slip rings.



Technical Specification of the slip ring

Mechanical Data		Electrical Data		
spec	data	spec	data	
Circuits	12 circuits		power	signal
Rotating speed	250RPM	voltage range	0~250VAC/VDC	0~250VAC/VDC
working temp.	-40℃~80℃	insulation resistance	≥1000MΩ/500VDC	≥1000MΩ/500VDC
work humidity	0~85% RH	lead wire spec.	AWG30# Silver -plated teflon	AWG30# Silver -plated teflon
contact material	precious metal:gold-gold	lead wire length	standard 150mm(can be customized)	
material	RoHS compliant	Dielectric Strength	300VAC@50Hz,60s	
CE certificate	Yes	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 , S010-12 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 24wires, repeat as sequence , use number tube to tell group 1#, 2#....