

H50130 Series



H50130 series standard precise slip ring , integrated structure design, with through hole 50mm , OD130mm , suitable for rotating application which requires a through hole $\leq 50\text{mm}$ (remark: if need a hole $< 50\text{mm}$, can add a inner bushing)

Part No. description

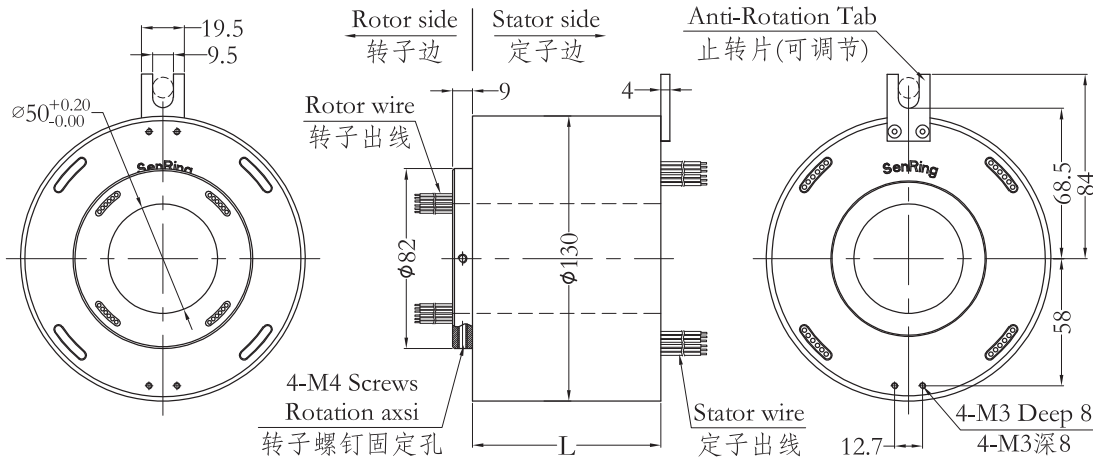
H50130 - Power circuits no. - Signal circuits no. - Eproduct grade

H:through hole slip ring
50130:ID 50mm, OD 130mm

Example:
0610:6 circuits,10A per circuit
1220:2circuits,10A per circuit

Example:
C: standard level
D:Industrial level
H:High quality level

Example:
06S:6circuits signal (0~2A)
12S:12circuits signal (0~2A)



Standard Model List

H50130 series model list							
Part no.	Circuit		Length L(mm)	Part no.	Circuit		Length L(mm)
	10A	Signal or 5A			10A	Signal or 5A	
H50130-02S	0	2	36	H50130-48S	0	48	220
H50130-0210	2	0	36	H50130-0610-42S	6	42	220
H50130-03S	0	3	40	H50130-1210-36S	12	36	220
H50130-0310	3	0	40	H50130-1810-30S	18	30	220
H50130-06S	0	6	52	H50130-2410-24S	24	24	220
H50130-0210-04S	2	4	52	H50130-4810	48	0	220
H50130-0410-02S	4	2	52	H50130-60S	0	60	268
H50130-0610	6	0	52	H50130-0610-54S	6	54	268
H50130-12S	0	12	76	H50130-0910-51S	9	51	268
H50130-0210-10S	2	10	76	H50130-1210-48S	12	48	268
H50130-0310-09S	3	9	76	H50130-2410-36S	24	36	268
H50130-0610-06S	6	6	76	H50130-72S	0	72	316
H50130-0810-04S	8	4	76	H50130-1210-60S	12	60	316
H50130-1010-02S	10	2	76	H50130-2410-48S	24	48	316
H50130-1210	12	0	76	H50130-3610-36S	36	36	316
H50130-18S	0	18	100	H50130-84S	0	84	364
H50130-0210-16S	2	16	100	H50130-1210-72S	12	72	364
H50130-0410-14S	4	14	100	H50130-2410-60S	24	60	364
H50130-0610-12S	6	12	100	H50130-3610-48S	36	48	364
H50130-0810-10S	8	10	100	H50130-96S	0	96	412

Part no.	10A	Signal or 5A	Length L(mm)	Part no.	10A	Signal or 5A	Length L(mm)
H50130-1010-08S	10	8	100	H50130-1210-84S	12	84	412
H50130-1210-06S	12	6	100	H50130-2410-72S	24	72	412
H50130-1410-04S	14	4	100	H50130-3610-60S	36	60	412
H50130-1610-02S	16	2	100	H50130-4210-54S	42	54	412
H50130-24S	0	24	124	H50130-108S	0	108	460
H50130-0410-20S	4	20	124	H50130-1210-96S	12	96	460
H50130-0610-18S	6	18	124	H50130-2410-84S	24	84	460
H50130-1210-12S	12	12	124	H50130-3610-72S	36	72	460
H50130-1810-06S	18	6	124	H50130-120S	0	120	508
H50130-2410	24	0	124	H50130-1210-108S	12	108	508
H50130-30S	0	30	148	H50130-2410-96S	24	96	508
H50130-0610-24S	6	24	148	H50130-3610-84S	36	84	508
H50130-1210-18S	12	18	148	H50130-4810-72S	48	72	508
H50130-1810-12S	18	12	148	H50130-132S	0	132	556
H50130-2410-06S	24	6	148	H50130-1210-120S	12	120	556
H50130-3010	30	0	148	H50130-2410-108S	24	108	556
H50130-36S	0	36	172	H50130-3610-96S	36	96	556
H50130-0610-30S	6	30	172	H50130-4810-84S	48	84	556
H50130-1210-S24	12	24	172	H50130-144S	0	144	604
H50130-3610	36	0	172	H50130-1210-132S	12	132	604
H50130-42S	0	42	196	H50130-2410-120S	24	120	604
H50130-0610-36S	6	36	196	H50130-3610-108S	36	108	604
H50130-1210-30S	12	30	196	H50130-4810-96S	48	96	604
H50130-4210	42	0	196	H50130-6010-84S	60	84	604

*Remark: Circuits can be combined in parallel for bigger current, N circuits of 10A to get N*10A, such as 2 circuits of 10A in parallel for 20A use. 10A circuits No. and signal circuits (5A) No. can be customized based on standard products, pls inquiry Senring for details.

Technical Specification

Mechanical		Electrical		
Spec	Data	Spec	Data	
Working life	pls refer to product grade table		Power	Signal
Rotating speed	pls refer to product grade table	Rated voltage	0~690VAC/VDC	0~440VAC/VDC
Working temp.	-30°C~80°C	Insulation resistance	≥1000mΩ/500VDC	≥1000mΩ/500VDC
Work humidity	0~85% RH	Lead wire spec	AWG17# Silver-plated teflon	AWG22# Silver-plated teflon
Contact material	pls refer to produce grade table	Lead wire length	standard 300mm(can be customized)	
Housing material	AL alloy	Dielectric Strength	800VAC@50Hz,60s	
Torque	0.1N.m (+0.03N.m/6circuits)	Electrical noise	<0.01Ω	
IP grade	IP51			

Product Grade Table

Grade code	Max rotating speed	Working life	Contact material
C: standard	400RPM	20millions revolutions	precious metal
D: industrial	800RPM	60millions revolutions	precious metal
H: high quality	1200RPM	150millions revolutions	gold alloy

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 , H50130-06S wire color sequence: BLK/BRN/RED/ORG/WHT/GRN , 24 color wires as one group , if more than 24wires, repeat as sequence , use number tube to tell group 1#, 2#....