

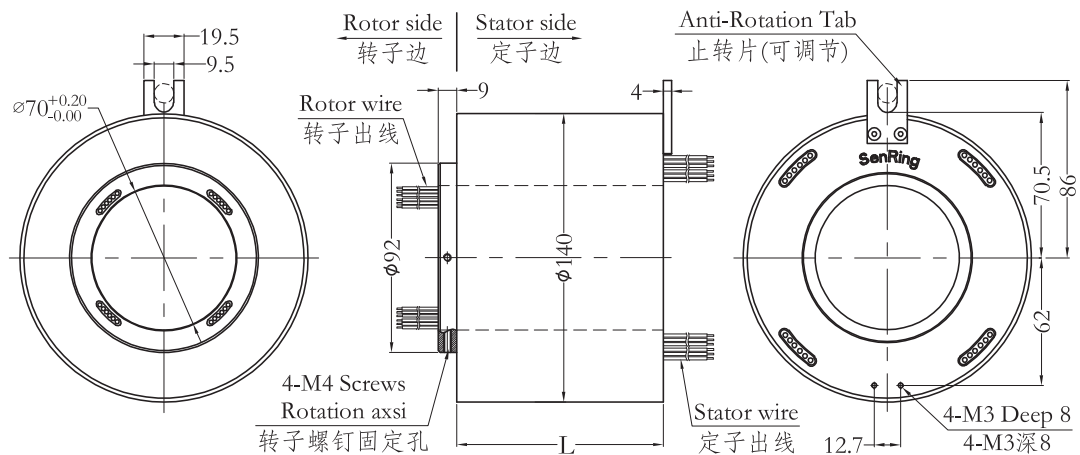


H70140 Series

H70140 series standard precise slip ring , integrated structure design, with through hole 70mm , OD140mm , suitable for rotating application which requires a through hole ≤ 70 mm (remark: if need a hole < 70 mm, can add a inner bushing)

Part No. description

H70140 - Power circuits no. - Signal circuits no. - Eproduct grade	
H:through hole slip ring 70140:ID 70mm, OD 140mm	Example: C: standard level D:Industrial level H:High quality level
Example: 0610:6 circuits,10A per circuit 1220:2circuits,10A per circuit	Example: 06S:6circuits signal (0~2A) 12S:12circuits signal (0~2A)



Standard Model List

H70140 series model list							
Part no.	Circuit		Length L(mm)	Part no.	Circuit		Length L(mm)
	10A	Signal or 5A			10A	Signal or 5A	
H70140-02S	0	2	42	H70140-36S	0	36	178
H70140-0210	2	0	42	H70140-0610-30S	6	30	178
H70140-03S	0	3	46	H70140-1210-S24	12	24	178
H70140-0310	3	0	46	H70140-3610	36	0	178
H70140-06S	0	6	58	H70140-42S	0	42	202
H70140-0210-04S	2	4	58	H70140-0610-36S	6	36	202
H70140-0410-02S	4	2	58	H70140-1210-30S	12	30	202
H70140-0610	6	0	58	H70140-4210	42	0	202
H70140-12S	0	12	82	H70140-48S	0	48	226
H70140-0210-10S	2	10	82	H70140-0610-42S	6	42	226
H70140-0310-09S	3	9	82	H70140-1210-36S	12	36	226
H70140-0610-06S	6	6	82	H70140-1810-30S	18	30	226
H70140-0810-04S	8	4	82	H70140-2410-24S	24	24	226
H70140-1010-02S	10	2	82	H70140-4810	48	0	226
H70140-1210	12	0	82	H70140-60S	0	60	274
H70140-18S	0	18	106	H70140-0610-54S	6	54	274
H70140-0210-16S	2	16	106	H70140-0910-51S	9	51	274
H70140-0410-14S	4	14	106	H70140-1210-48S	12	48	274
H70140-0610-12S	6	12	106	H70140-2410-36S	24	36	274
H70140-0810-10S	8	10	106	H70140-72S	0	72	322

Part no.	10A	Signal or 5A	Length L(mm)	Part no.	10A	Signal or 5A	Length L(mm)
H70140-1010-08S	10	8	106	H70140-1210-60S	12	60	322
H70140-1210-06S	12	6	106	H70140-2410-48S	24	48	322
H70140-1410-04S	14	4	106	H70140-3610-36S	36	36	322
H70140-1610-02S	16	2	106	H70140-84S	0	84	370
H70140-24S	0	24	130	H70140-1210-72S	12	72	370
H70140-0410-20S	4	20	130	H70140-2410-60S	24	60	370
H70140-0610-18S	6	18	130	H70140-3610-48S	36	48	370
H70140-1210-12S	12	12	130	H70140-96S	0	96	418
H70140-1810-06S	18	6	130	H70140-1210-84S	12	84	418
H70140-2410	24	0	130	H70140-2410-72S	24	72	418
H70140-30S	0	30	154	H70140-3610-60S	36	60	418
H70140-0610-24S	6	24	154	H70140-4210-54S	42	54	418
H70140-1210-18S	12	18	154	H70140-108S	0	108	466
H70140-1810-12S	18	12	154	H70140-1210-96S	12	96	466
H70140-2410-06S	24	6	154	H70140-2410-84S	24	84	466
H70140-3010	30	0	154	H70140-3610-72S	36	72	466

*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 , H70140-06S 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#....