

H1286 Series

H1286 series standard precise slip ring, integrated structure design, with through hole 12.7mm , OD86mm ,suitable for rotating application which requires a through hole $\leq 12.7\text{mm}$ (remark: if need a hole $< 12.7\text{mm}$, can add a inner bushing)



Part No. description

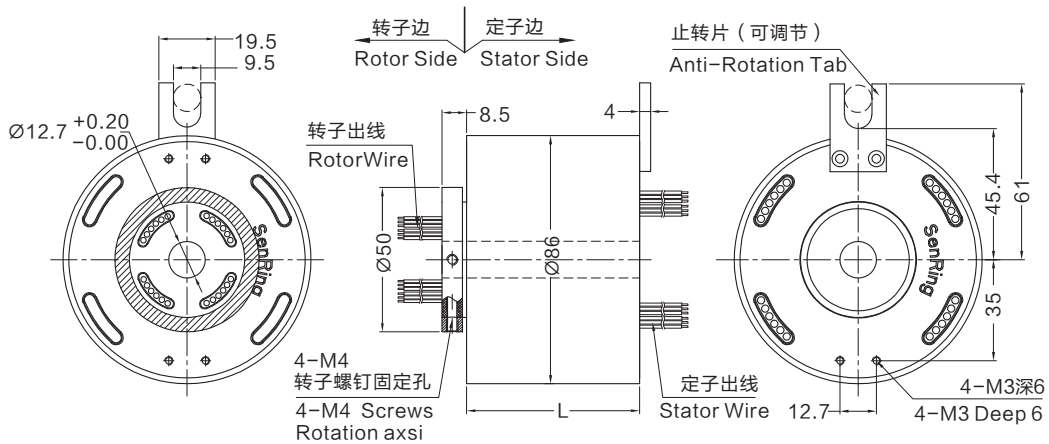
H1286 - Power circuits no. - Signal circuits no. - Eproduct grade

H:through hole slip ring
1286:ID 12.7mm, OD 86mm

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

H1286 series model list							
Part no	10A	Signal or 0~5A	Length L(mm)	Part no.	10A	Signal or 0~5A	Length L(mm)
H1286-02S	0	2	32	H1286-2410-06S	24	6	144
H1286-0210	2	0	32	H1286-3010	30	0	144
H1286-03S	0	3	36	H1286-36S	0	36	168
H1286-0310	3	0	36	H1286-0610-30S	6	30	168
H1286-06S	0	6	48	H1286-1210-524	12	24	168
H1286-0210-04S	2	4	48	H1286-3610	36	0	168
H1286-0410-02S	4	2	48	H1286-42S	0	42	192
H1286-0610	6	0	48	H1286-0610-36S	6	36	192
H1286-12S	0	12	72	H1286-1210-30S	12	30	192
H1286-0210-10S	2	10	72	H1286-4210	42	0	192
H1286-0310-09S	3	9	72	H1286-48S	0	48	216
H1286-0610-06S	6	6	72	H1286-0610-42S	6	42	216
H1286-0810-04S	8	4	72	H1286-1210-36S	12	36	216
H1286-1010-02S	10	2	72	H1286-1810-30S	18	30	216
H1286-1210	12	0	72	H1286-2410-24S	24	24	216
H1286-18S	0	18	96	H1286-4810	48	0	216
H1286-0210-16S	2	16	96	H1286-60S	0	60	264
H1286-0410-14S	4	14	96	H1286-0610-54S	6	54	264
H1286-0610-12S	6	12	96	H1286-0910-51S	9	51	264
H1286-0810-10S	8	10	96	H1286-1210-48S	12	48	264
H1286-1010-08S	10	8	96	H1286-2410-36S	24	36	264
H1286-1210-06S	12	6	96	H1286-72S	0	72	312

H1286 series model list							
Part no	10A	Signal or 0~5A	Length L(mm)	Part no.	10A	Signal or 0~5A	Length L(mm)
H1286-1410-04S	14	4	96	H1286-1210-60S	12	60	312
H1286-1610-02S	16	2	96	H1286-2410-48S	24	48	312
H1286-24S	0	24	120	H1286-3610-36S	36	36	312
H1286-0410-20S	4	20	120	H1286-84S	0	84	360
H1286-0610-18S	6	18	120	H1286-1210-72S	12	72	360
H1286-1210-12S	12	12	120	H1286-2410-60S	24	60	360
H1286-1810-06S	18	6	120	H1286-3610-48S	36	48	360
H1286-2410	24	0	120	H1286-96S	0	96	408
H1286-30S	0	30	144	H1286-1210-84S	12	84	408
H1286-0610-24S	6	24	144	H1286-2410-72S	24	72	408
H1286-1210-18S	12	18	144	H1286-3610-60S	36	60	408
H1286-1810-12S	18	12	144	H1286-4210-54S	42	54	408

*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	0.05N.m (+0.02N.m/6circuits)	Electrical noise	<0.01Ω	
IP grade	IP51			

Product Grade Table

Grade code	Max rotating speed	Working life	Contact material
C:standard	250RPM	20millions revolutions	precious metal
D:industrial	600RPM	80millions revolutions	precious metal
H:high quality	1000RPM	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 ,H1286-06S 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#....