

# H1256 Series

H1256 series standard precise slip ring, integrated structure design, with through hole 12.7mm , OD56mm , 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

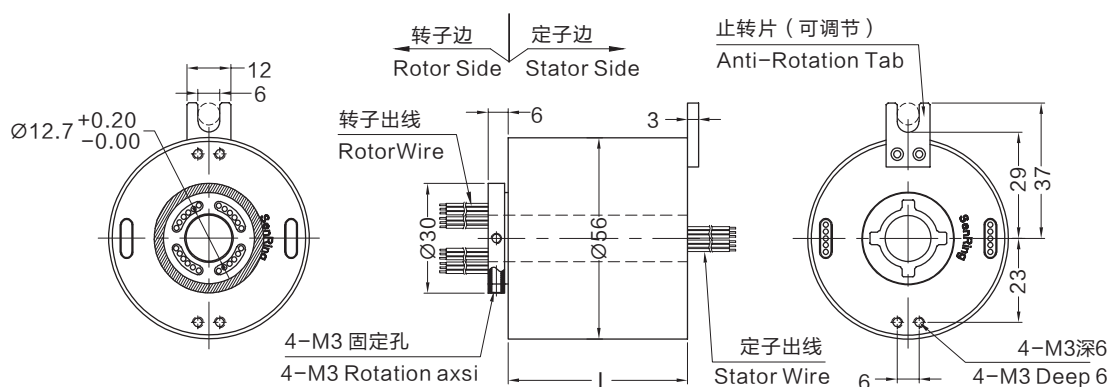
H1256 - Power circuits no. - Signal circuits no. - Erodect grade

H:through hole slip ring  
1256:ID 12.7mm, OD 56mm

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

H1256 series model list							
Part no.	Circuits		Length L(mm)	Part no.	Circuits		Length L(mm)
	10A	Signal or 0~5A			10A	Signal or 0~5A	
H1256-02S	0	2	27	H1256-1010-08S	10	8	71.5
H1256-0210	2	0	27	H1256-1210-06S	12	6	71.5
H1256-03S	0	3	30	H1256-1410-04S	14	4	71.5
H1256-0310	3	0	30	H1256-1610-02S	16	2	71.5
H1256-06S	0	6	38	H1256-24S	0	24	88.5
H1256-0210-04S	2	4	38	H1256-0410-20S	4	20	88.5
H1256-0410-02S	4	2	38	H1256-0610-18S	6	18	88.5
H1256-0610	6	0	38	H1256-1210-12S	12	12	88.5
H1256-12S	0	12	55	H1256-1810-06S	18	6	88.5
H1256-0210-10S	2	10	55	H1256-2410	24	0	88.5
H1256-0310-09S	3	9	55	H1256-30S	0	30	105
H1256-0610-06S	6	6	55	H1256-0210-28S	2	28	104
H1256-0810-04S	8	4	55	H1256-0410-26S	4	26	104
H1256-1010-02S	10	2	55	H1256-0610-24S	6	24	104
H1256-1210	12	0	55	H1256-36S	0	36	122
H1256-18S	0	18	71.5	H1256-0410-32S	4	32	122
H1256-0210-16S	2	16	71.5	H1256-0610-30S	6	30	122
H1256-0410-14S	4	14	71.5	H1256-42S	0	42	140
H1256-0610-12S	6	12	71.5	H1256-0410-38S	4	38	140
H1256-0810-10S	8	10	71.5	H1256-48S	0	48	156

\* 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	0~440VAC/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	20millisons revolutions	precious metal
D:industrial	600RPM	80millisons revolutions	precious metal
H:high quality	1000RPM	150millisons 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 , H1256-06Swire 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#....