H0317 Series

H0317 series standard precise slip ring, integrated structure design, with through hole 3mm , OD17mm , suitable for rotating application which requires a through hole <=3mm
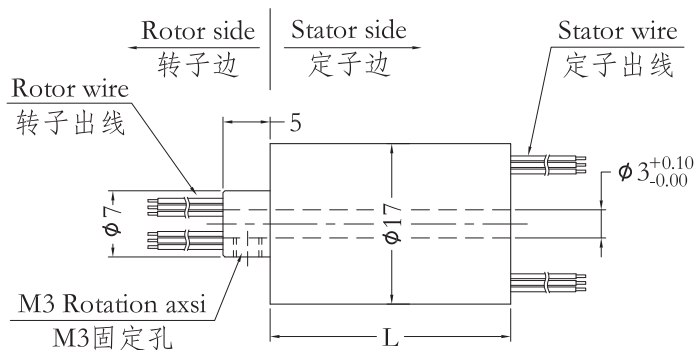
Part No. Description

H0317 - Signal circuits no.

H:through hole slip ring
0317:ID 3mm, OD 17mm

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

Rotor side 转子边　Stator side 定子边　Stator wire 定子出线

Rotor wire 转子出线

5

$\phi 7$

$\phi 17$

$\phi 3^{+0.10}_{-0.00}$

M3 Rotation axsi M3固定孔

L

Standard Model List

H0317 series model list		
Part no.	Circuits no. (signal or 0~2A)	Length L(mm)
H0317-02S	2	13.3
H0317-03S	3	13.3
H0317-04S	4	13.3
H0317-06S	6	21
H0317-08S	8	21

*Remark: Circuits can be combined in parallel for bigger current, N circuits of 2A to get N*2A, such as 2 circuits of 2A in parallel for 4A use.

Technical Specification

Mechanical		Electrical	
Spec	Data	Spec	Data
Working life	pls refer to product grade table	Rated voltage	0~240VAC/VDC
Rotating speed	pls refer to product grade table	Insulation resistance	≥500mΩ/500VDC
Working temp.	-30°C~80°C	Lead wire spec.	AWG26# Silver-plated teflon
Work humidity	0~85% RH	Lead wire length	standard 300mm(can be customized)
Contact material	pls refer to produce grade table	Dielectric Strength	500VAC@50Hz,60s
Housing material	AL alloy	Electrical noise	<0.01Ω
Torque	0.05N.m (+0.02N.m/6circuits)		
IP grade	IP51		

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

Remark:"1" : the first wire from rotor side , M125A-06 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#….