

2042 Series

H2042 series standard precise slip ring, integrated structure design, with through hole 20mm , OD42mm , suitable for rotating application which requires a through hole <=5mm (remark: if need a hole <20mm, can add a inner bushing)

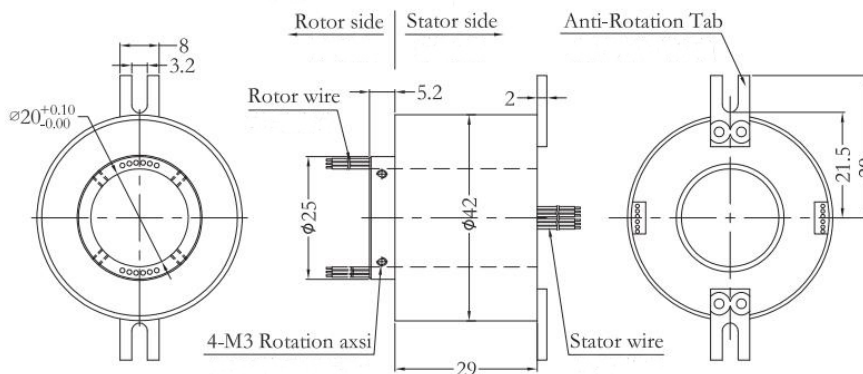
Part No. Description

H2042 - Signal circuits no. - Erduct grade

H:through hole slip ring
2042:ID 20mm, OD 42mm

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

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



Standard Model List

H0522 series model list		
Part no.	Circuits no. (signal or 0~2A)	Length L(mm)
H2042-02S	2	29
H2042-03S	3	29
H2042-04S	4	29
H2042-06S	6	29
H2042-08S	8	29
H2042-10S	10	29
H2042-12S	12	29

*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		Power	Signal
Rotating speed	pls refer to product grade table	Rated voltage	0~240VAC/VDC	0~240VAC/VDC
Working temp.	-30°C~80°C	Insulation resistance	$\geq 500m\Omega/500VDC$	$\geq 500m\Omega/500VDC$
Work humidity	0~85% RH	Lead wire spec	AWG26# Silver-plated teflon	AWG26# 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	500VAC@50Hz,60s	
Torque	0.05N.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	250RPM	20millions revolutions	precious metal
D:industrial	600RPM	60millions revolutions	precious metal
H:high quality	1000RPM	150millions revolutions	gold alloy