

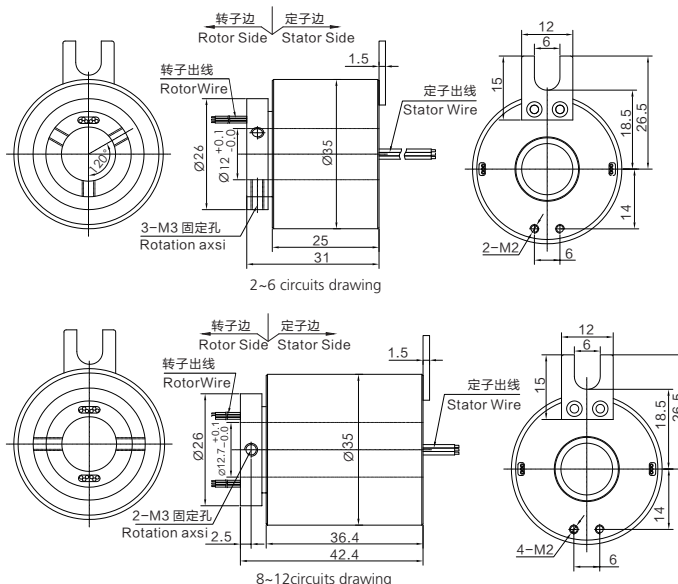
# H1235 Series

H1235 series standard precise slip ring, integrated structure design, with through hole 12mm , OD35mm , suitable for rotating application which requires a through hole  $\leq 35$ mm  
(remark: if need a hole  $< 7$ mm, can add a inner bushing)



## Part No. Description

1235:ID 12(1~6circuits) /12.7mm(7~12circuits) OD 35mm Example: 0605:6circuits signal (0~5A) 1205:12circuits signal (0~5A)	<b>H1235</b> - Signal circuits no. - Eproduct grade	Example: C: standard level D:Industrial level H:High quality level
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## Standard Model List

H1235 series model list			
Part no.	Circuits no. (signal or 0~5A)	Length L(mm)	
H1235-0205	2	25	
H1235-0305	3	25	
H1235-0405	4	25	
H1235-0605	6	25	
H1235-0805	8	36.4	
H1235-1005	10	36.4	
H1235-1205	12	36.4	

\*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	$\geq 500\text{m}\Omega/500\text{VDC}$
Working temp.	$-30^{\circ}\text{C}\sim 80^{\circ}\text{C}$	Lead wire spec.	AWG22# 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	$< 0.01\Omega$
Torque	0.05N.m (+0.02N.m/6circuits)		
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