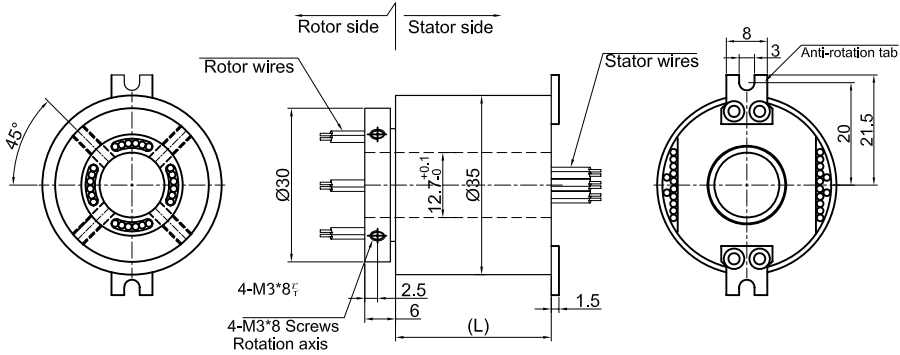


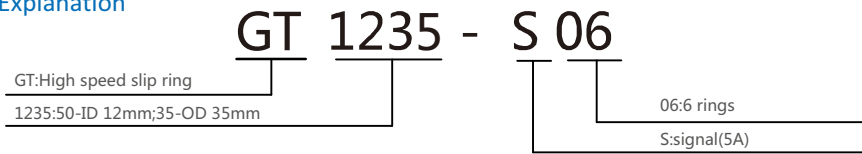
# GT1235Series

The first compact outer diameter is 35mm, and the through hole diameter is 12.7mm (1 / 2 ", applicable to < = 12.7mm)Series integral precision conductive slip ring.

\*Note: if the inner hole of < 12.7mm is needed, it can be solved by adding inner sleeve.



### Part# Explanation



### Part# List

Gt1235 Series Parts# List		
Part#	Signal/5A	Length-L (mm)
GT1235-S02	2	30.4
GT1235-S03	3	30.4
GT1235-S04	4	30.4
GT1235-S06	6	30.4
GT1235-S08	8	44.2
GT1235-S10	10	44.2
GT1235-S12	12	44.2
GT1235-S14	14	58
GT1235-S16	16	58
GT1235-S18	18	58
GT1235-S20	20	71.8
GT1235-S22	22	71.8
GT1235-S24	24	71.8

Note: N channels 10A rings parallel can be used as 1 channel N\*10A current. For example: 2 rings 10A parallel could be used as 1 wires 20A.  
 10A,5A (signal) can combine freely in any way.It can be customized based on standard slip ring,please contact customer service for more details.

### Specifications

Electrical Data		
Parameter	Value	
	Power	Signal
Rated Voltage	0~240VAC/VDC	0~240VAC/VDC
Insulation Resistance	≥500MΩ/500VDC	≥500MΩ/500VDC
Lead Wires	AWG22Teflon	AWG22Teflon
Lead Length	Standard 300mm	
Dielectric Strength	500VAC@50Hz , 60s	
Electrical Noise	<0.03Ω	
Mechanical Data		
Parameter	Value	
Working Life	10 Million revs	
Rotating Speed	1~1800RPM	
Working Temperature	-30°C~80°C	
Operating Humidity	0~85% RH	
Contact Material	Gold-plated	
Housing Material	aluminium alloy	
Torque	0.1N.m ; +0.03N.m/6rings	
Protection Grade	IP51	

### Lead Wires Color Code

Ring	1	2	3	4	5	6	7	8	9	10	11	12
Code	BLK	RED	YLW	GRN	BLU	WHT	BLK	RED	YLW	GRN	BLU	WHT

Note:6 wires for 1 group color, from 7-12, repeat the same color as 1...6, indicated with number code pipe.