3001008 Series 1-Passages Rotary Unions

1 Passage(G1/4" port,8~10mm pipes)+Electrical(Power/Signal)

support G1/2" port for 12~15mm pipes,can transfer various mediums including compressed air,steam,vacuum,negative pressure,positive pressure,cooling water,hot oil,etc when 360° rotating , it also can combine to transmit electrical power and signal.

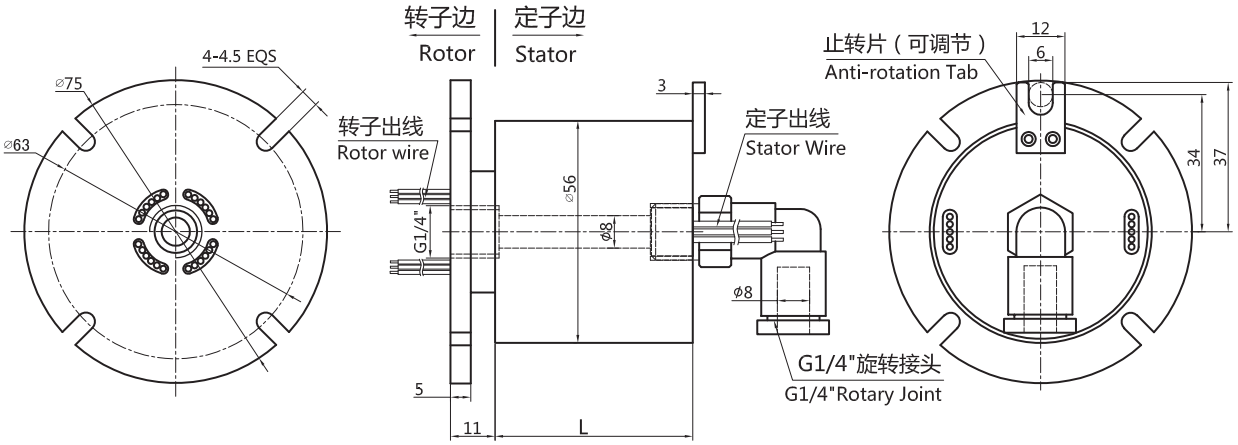
Part No. Description

3001008 - Power Circuits - Signal Circuits

1 Passage Rotary Unions
G1/4" port ,8~10mm pipes

For example:
0610:6 circuits@10A 1230:12 circuits@30A

For example:
06S:6 circuits signal@2A
12S:12 circuits signal@2A



Standard Model List

Model	Passages	Power (10A)	Signal (0~5A)	Length L (mm)
3001008-02S	1	0	2	34
3001008-0210		2	0	34
3001008-03S		0	3	34
3001008-0310		3	0	34
3001008-06S		0	6	34
3001008-0210-04S		2	4	34
3001008-0410-02S		4	2	34
3001008-0610		6	0	34

Model	Passages	Power (10A)	Signal (0~5A)	Length L (mm)
3001008-12S	1	0	12	52
3001008-0210-10S		2	10	52
3001008-0310-09S		3	9	52
3001008-0410-08S		4	8	52
3001008-0610-06S		6	6	52
3001008-0810-04S		8	4	52
3001008-1010-02S		10	2	52
3001008-1210		12	0	52

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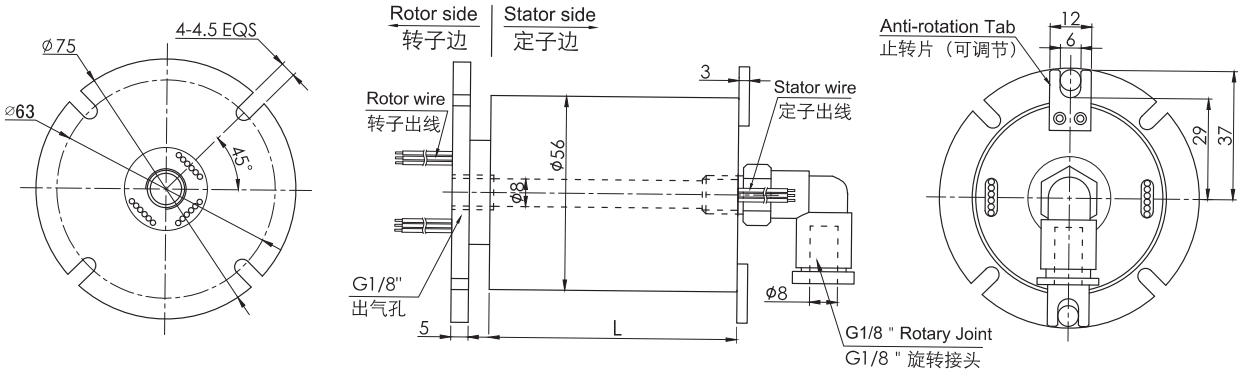

Model	Passages	Power (10A)	Signal (0~5A)	Length L (mm)
3001008-1210-06S	1	12	6	71.5
3001008-1410-04S		14	4	71.5
3001008-1610-02S		16	2	71.5
3001008-18S		0	18	71.5
3001008-0210-16S		2	16	71.5
3001008-0410-14S		4	14	71.5
3001008-0610-12S		6	12	71.5
3001008-0810-10S		8	10	71.5
3001008-1010-08S		10	8	71.5
3001008-24S		0	24	88.5
3001008-0410-20S		4	20	88.5
3001008-0610-18S		6	18	88.5
3001008-1210-12S		12	12	88.5
3001008-1810-06S		18	6	88.5

Model	Passages	Power (10A)	Signal (0~5A)	Length L (mm)
3001008-2410	1	24	0	88.5
3001008-30S		0	30	105
3001008-0210-28S		2	28	105
3001008-0410-26S		4	26	105
3001008-0610-24S		6	24	105
3001008-1210-18S		12	18	105
3001008-36S		0	36	122
3001008-0410-32S		4	32	122
3001008-0610-30S		6	30	122
3001008-42S		0	42	139
3001008-0410-38S		4	38	139
3001008-48S		0	48	156
3001008-56S		0	56	178
3001008-72S		0	72	223

Technical Specification

Rotary Union Specification				
Passages	1 Passage(Gas/Flow)	Max. Pressure	1Mpa, Vacuum -90kPa	
Pipe size	8mm Pipe(G1/4")	torque	<0.2N.m	
Mechanicall parameters		Electrical parameters		
Spec.	Data	Spec.	Data	
			Power	Signal
Working Life	20millions for ref (depends on working conditions)	Voltage Range	0~440VAC/VDC	0~440VAC/VDC
Max. Speed	250RPM continously, 1000RPM intermittently	Insulation Resistance	<500MΩ/300VDC	<500MΩ/300VDC
Working Temp.	-30°C~80°C	Lead Wire Spec.	AWG17# Silver-plated teflon wire	AWG22# Silver-plated teflon wire
Work Humidity	0~85% RH	Lead Wire Length	standard 200mm(can be customized)	
Contact Material	precious metal	Insulation Resistance	500VAC@50Hz,6s	
Housing Material	aluminum alloy	Electrical Noise	<0.01Ω	
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

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