

# 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.

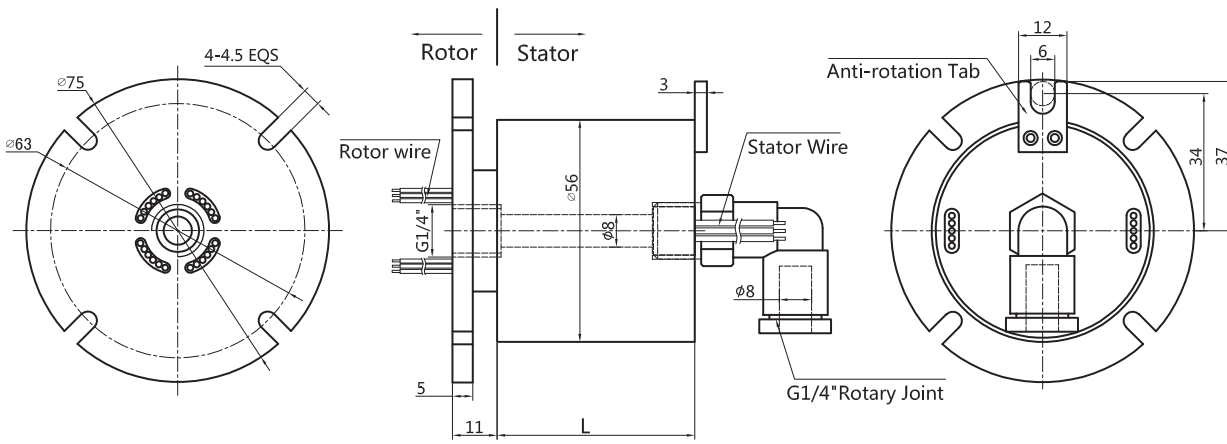
## Part No. Description

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

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

### 3001008 - Power Circuits - Signal Circuits

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



## Standard Model List

Model	Passages	Circuits		Length L(mm)
		Power(10A)	Signal(0~5A)	
3001008-02S	1	0	2	27
3001008-0210	1	2	0	27
3001008-03S	1	0	3	30
3001008-0310	1	3	0	30
3001008-06	1	0	6	38
3001008-0210-04S	1	2	4	38
3001008-0410-02S	1	4	2	38
3001008-0610	1	6	0	38
3001008-12S	1	0	12	55
3001008-0210-10S	1	2	10	55
3001008-0310-09S	1	3	9	55
3001008-0610-06S	1	6	6	55
3001008-0810-04S	1	8	4	55
3001008-1010-02S	1	10	2	55
<b>3001008-1210</b>	<b>1</b>	<b>12</b>	0	55
3001008-18S	1	0	18	71.5
3001008-0210-16S	1	2	16	71.5

Model	Passages	Circuits		Length L(mm)
		Power(10A)	Signal(0~5A)	
3001008-0410-14S	1	4	14	71.5
3001008-0610-12S	1	6	12	71.5
3001008-0810-10S	1	8	10	71.5
3001008-1010-08S	1	10	8	71.5
3001008-1210-06S	1	12	6	71.5
3001008-1410-04S	1	14	4	71.5
3001008-1610-02S	1	16	2	71.5
3001008-24S	1	0	24	88.5
3001008-0410-20S	1	4	20	88.5
3001008-0610-18S	1	6	18	88.5
3001008-1210-12S	1	12	12	88.5
3001008-1810-06S	1	18	6	88.5
3001008-2410	1	24	0	88.5
3001008-30S	1	0	30	105
3001008-0210-28S	1	2	28	104
3001008-0410-26S	1	4	26	104
3001008-0610-24S	1	6	24	104
3001008-36S	1	0	36	122
3001008-0410-32S	1	4	32	122
3001008-0610-30S	1	6	30	122
3001008-42S	1	0	42	139
3001008-0410-38S	1	4	38	140
3001008-48S	1	0	48	156
3001008-56S	1	0	48	178
3001008-72S	1	0	48	223

### Technical Specification

Rotary Union Specification				
Passages	1 Passage(Gas/Flow)	Max. Pressure	10Mpa, Vacuum -1.5kPa	
Pipe size	8mm Pipe(G1/4")	torque	<0.2N.m	
Mechanical parameters		Electrical parameters		
Spec.	Data	Spec.	Data	
Working Life	20millions for ref (depends on working conditions)		Voltage Range	Power
Max. Speed	250RPM continously, 1000RPM intermittently	Insulation Resistance	0~440VAC/VDC	0~440VAC/VDC
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