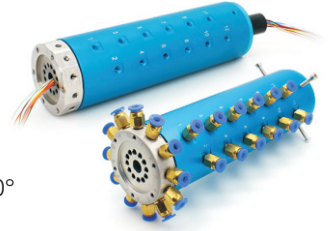


3016004 Series 16 Passages Pnuematic/Hydraulic+Electric Rotary Unions

16 Passage(M5 port,4mm pipes)+Electrical(Power/Signal)

support M5 port for 4mm 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.



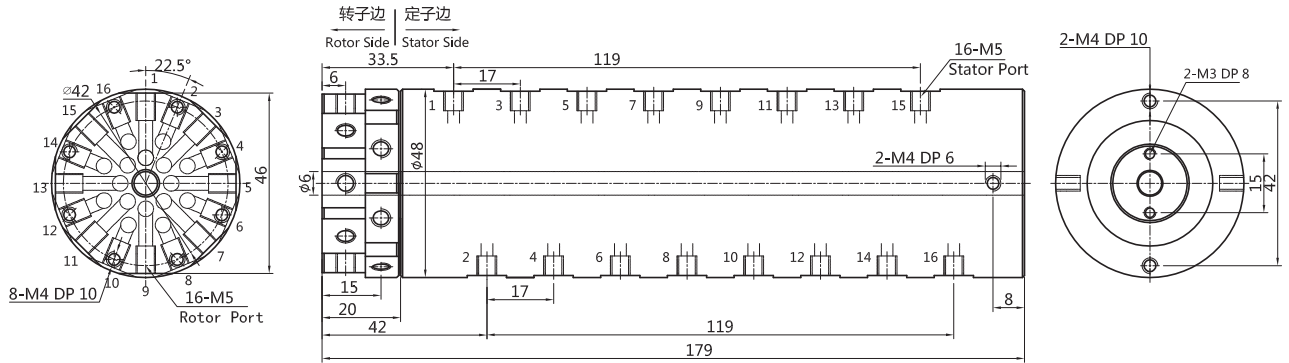
Part No. Description

[3016004](#) - Signal Circuits

16 Passage Rotary Unions
support 16 M5 port for 4mm pipes

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

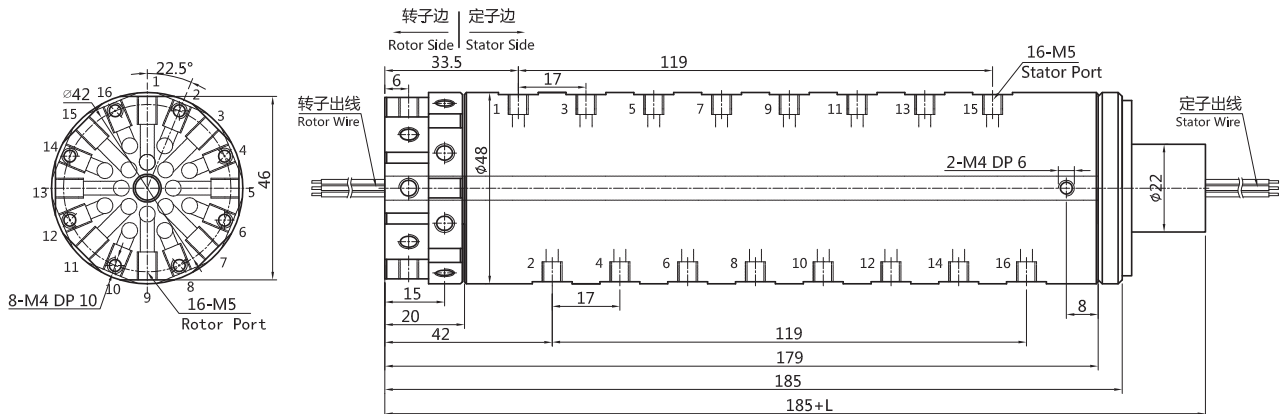
3016004 (Rotary Union Only) Drawing,16 Passage(4mm pipe)



Standard Model List

Model	Passages(Gas/Flow)	Port Size	Pipe Size
3016004	16	M5	4~6mm

3016004-X4S 16 Passage(4mm pipe)
+6~36 circuits electrical signal@2A (Suitable for Solenoid valve or Sensor switch Signals)



Standard Model List

Model	Passages(Gas/Flow)	Port Size	Pipe Size	Signal Circuits(2A)	Length L(mm)
3016004-06S	16	M5	4~6mm	6	14
3016004-12S	16	M5	4~6mm	12	21
3016004-24S	16	M5	4~6mm	24	35
3016004-36S	16	M5	4~6mm	36	52

Technical Specification

Rotary Union Specification				
Passages	16 Passage	Max. Pressure	1Mpa, Vacuum -90kPa	
Pipe size	4mm Pipe(M5)	torque	<1.6N.m	
Mechanical parameters		Electrical parameters		
Spec.	Data	Spec.	Data	
Working Life	20millions for ref (depends on working conditions)		Power	Signal
Max. Speed	250RPM continuously, 1000RPM intermittently	Voltage Range	0~240VAC/VDC	0~240VAC/VDC
		Insulation Resistance	<500M Ω /300VDC	<500M Ω /300VDC
Working Temp.	-30 $^{\circ}$ C~80 $^{\circ}$ C	Lead Wire Spec.	AWG26# Silver-plated teflon wire	AWG26# Silver-plated teflon wire
Work Humidity	0~85% RH	Lead Wire Length	standard 250mm(can be customized)	
Contact Material	precious metal	Insulation Resistance	500VAC@50Hz,6s	
Housing Material	aluminum alloy	Electrical Noise	<0.01 Ω	
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