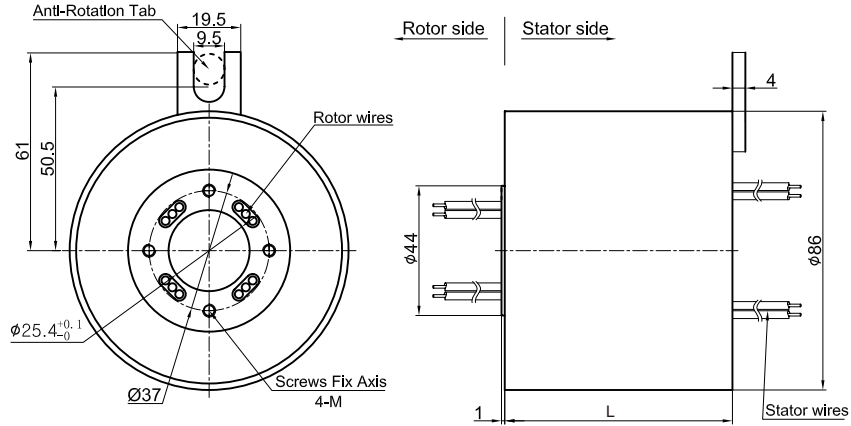
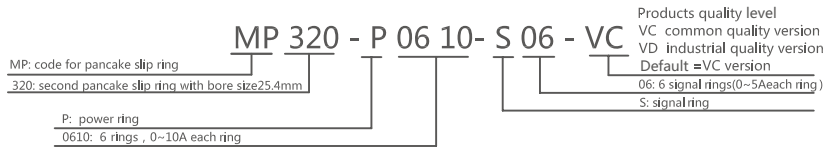


# MP320 Series Pancake Slip Ring

MP320 second pancake slip ring, through bore size is 25.4mm, all aluminum alloy structure, using precious metal contact material and gold-plated processing. It can transmit stable signal and power with small resistance fluctuations. It's mainly applied to those applications with transverse space limit but with no height space limit.



## Explanation



## Part# list

MP320 series pancake slip ring				
Parts#	Signal (5A)	10A	20A	Length(mm)
MP320-S02	2	0	0	17.1
MP320-P0210	0	2	0	17.1
MP320-P0210-S02	2	2	0	23.9
MP320-P0410	0	4	0	23.9
MP320-S06	6	0	0	30.7
MP320-P0610	0	6	0	30.7
MP320-P0620	0	0	6	30.7
MP320-P0210-S04	4	2	0	30.7
MP320-S12	12	0	0	51.1
MP320-P1210	0	12	0	51.1
MP320-P1220	0	0	12	51.1
MP320-P0610-S06	6	6	0	51.1
MP320-P0620-S06	6	0	6	51.1
MP320-S18	18	0	0	71.5
MP320-P1810	0	18	0	71.5
MP320-P0610-S12	12	6	0	71.5
MP320-P1210-S06	6	12	0	71.5
MP320-P0810-S10	10	8	0	71.5
MP320-S24	24	0	0	91.9
MP320-P2410	0	24	0	91.9
MP320-P0610-S18	18	6	0	91.9
MP320-P1210-S12	12	12	0	91.9

Note: 1) 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  
 2) Through bore size, total circuits and current can be customized, please contact sales for more details.

## Specifications

Electrical Data		
Parameter	Value	
	Power	Signal
Rated Voltage	0~440VAC/VDC	0~240VAC/VDC
Insulation Resistance	≥500MΩ/500VDC	≥500MΩ/500VDC
Lead Wire	AWG16#Teflon	AWG22#Teflon
Lead Length	Standard 300mm (adjustable)	
Dielectric Strength	500VAC@50Hz, 60s	
Electrical Noise	<0.01Ω	
Mechanical Data		
Parameter	Value	
Working Life	See product quality level table	
Rotating Speed	See product quality level table	
Working Temperature	-30°C~80°C	
Operating Humidity	0~85% RH	
Contact Material	See product quality level table	
Housing Material	aluminium alloy	
Torque	0.05N.m; +0.03N.m/6rings	
Protection Grade	IP51	

## Product Quality Level Table

Products Level Code	Max Rotating Speed	Working Life	Contact Material
VC	60RPM	3 million revs	Precious Metal
VD	200RPM	10 million revs	Gold-plated

## Lead Wires Color Code

Ring	1	2	3	4	5	6	7	8	9	10	11	12
Color	BLK	RED	YEL	GRN	BLU	WHT	BLK	RED	YEL	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.