

# LPC-08 Series

## Features

- 1 / Transfer analog and digital signals.
- 2 / Loadable standard modules for both power and signal transmission.
- 3 / Advanced fiber brush technology, maintenance-free, no lubrication required.
- 4 / Multiple points of contact per pass, low contact pressure, low contact wear.
- 5 / The special groove design has smooth rotation and low electrical noise.

## Advantages

- 1 / Standardized, modular design.
- 2 / Low torque,  $\leq 0.9$  gf.m.
- 3 / Diverse choices for different customer needs.
- 4 / Exclusive patented fiber coating technology to ensure low electrical noise and low wear.
- 5 / U.S. military surface gold plating process ensures long working life.
- 6 / Up to 30 kinds of signal transmission such as USB, HDMI, SDI, Ethernet, RS422, etc. that can meet 360° unlimited rotation.



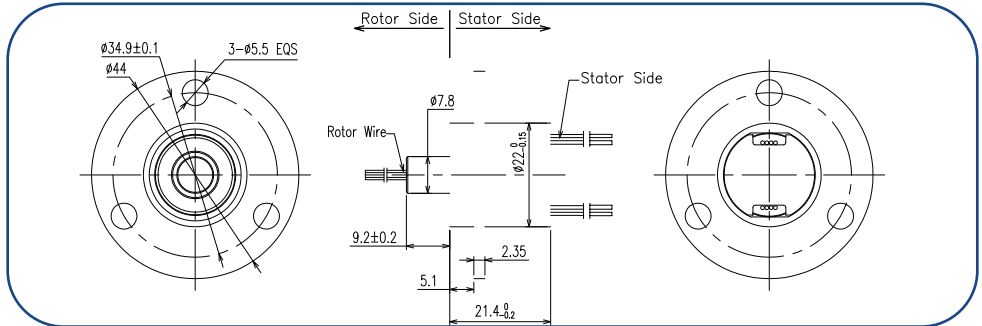
## Technical Parameters

Electrical & Electronics		Mechanical	
Number of Circuits	8 Circuits	Rotating Speed	0-300rpm
Current	2A	Contact Material	Gold-to-gold
Voltage	240V AC/DC	Housing Material	Engineering Plastics/ Metals (optional)
Dielectric Strength	$\geq 500$ VAC@50Hz	Torque	$\leq 0.88$ g.m (for reference)
Insulation Resistance	100M $\Omega$ @500VDC	Wire Type	AWG28#Teflon or others
Dynamic Contact Resistance	35M $\Omega$ (1M $\Omega$ min.)	Wire Length	250mm (optional)
Enviromental		Others	
Temperature	Industrial: -20°C~+60°C	Life Span	Customizable
	Military: -50°C~+80°C		
Humidity	60%RH or higher		
Protection Grade	IP40 or higher		

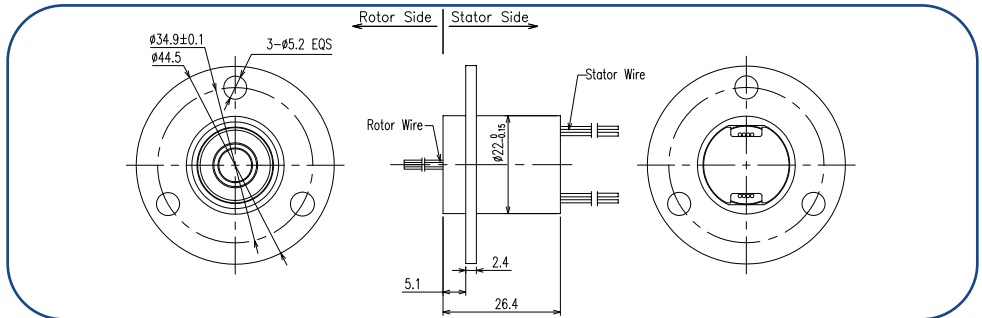
## Application

Drone、Security monitoring equipment、Stage lights, electronic pan/tilt、 Robot/radar、 Exhibition / display equipment, medical equipment、 Handheld stabilizer、 Rotary table

### LPC-08A Outline Drawing



### LPC-08B Outline Drawing



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