

## LPR-8H Series Slip Ring

LPR-8H Series high Current slip ring provides routing space for hydraulics, pneumatics or a concentric shaft mount.

The LPR-8H uses advanced fiber brush technology which offers several advantages over conventional slip ring contacts including multiple points of contact per brush bundle, low contact force per fiber and low contact wear rates. In addition, fiber brushes do not require lubrication and produce virtually no wear debris.



### Specifications

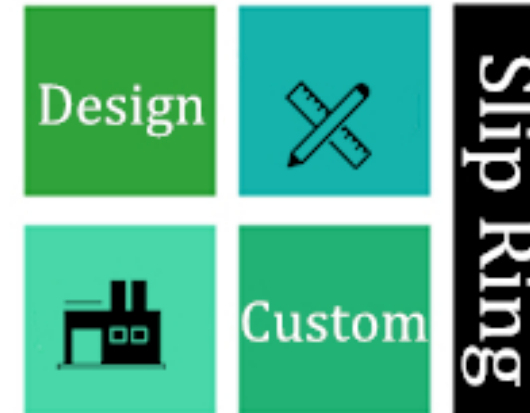
Operating Speed	0-300 rpm
Number of Circuits	8
Voltage	380 VAC/DC
Current Rating	6 Circuits@ 20 A , 2 Circuits@ 5 A
Temperature Range	-20°C to +60°C
Contact Material	Precious metal
Connecting Way	Silver plated pin
Housing Material	Engineering plastic
Dielectric Strength	≥500 VAC @50Hz , between each circuit
Insulation Resistance	500 MΩ @ 500 VDC
Electrical Noise	≤35mΩ

### Capsule Length

# of Circuits	L (mm)	Part No
8	52	LPR-8H

- ◆ The operating life of the unit depends upon temperature, rotation speed and environment.
- ◆ The operating life ≥50,000,000 runs ref.

## Features



- ✓ No mercury, environment-friendly design
- ✓ Pins connector, convenient for installation
- ✓ Speed up to 300 rpm continuous
- ✓ Steel bearings and machined shaft and housing for harsh environment
- ✓ Collar mounting is standard; flange mounting is optional
- ✓ Various lead exits are available
- ✓ Silver plated rings are standard. Gold plated optional
- ✓ Sealed unit



TEMPERATURE RANGE  
-20° C to 60° C



MAXIMUM OPERATING SPEED  
0-300 RPM

## Applications

- ✓ Packaging / wrapping machinery
- ✓ Semiconductor handling systems
- ✓ Industrial machinery
- ✓ Rotary index tables
- ✓ Process control equipment
- ✓ Heavy equipment turrets or cable reels
- ✓ Exhibit Display machinery Medical equipment
- ✓ Emergency lighting, robotics Palletizing machines



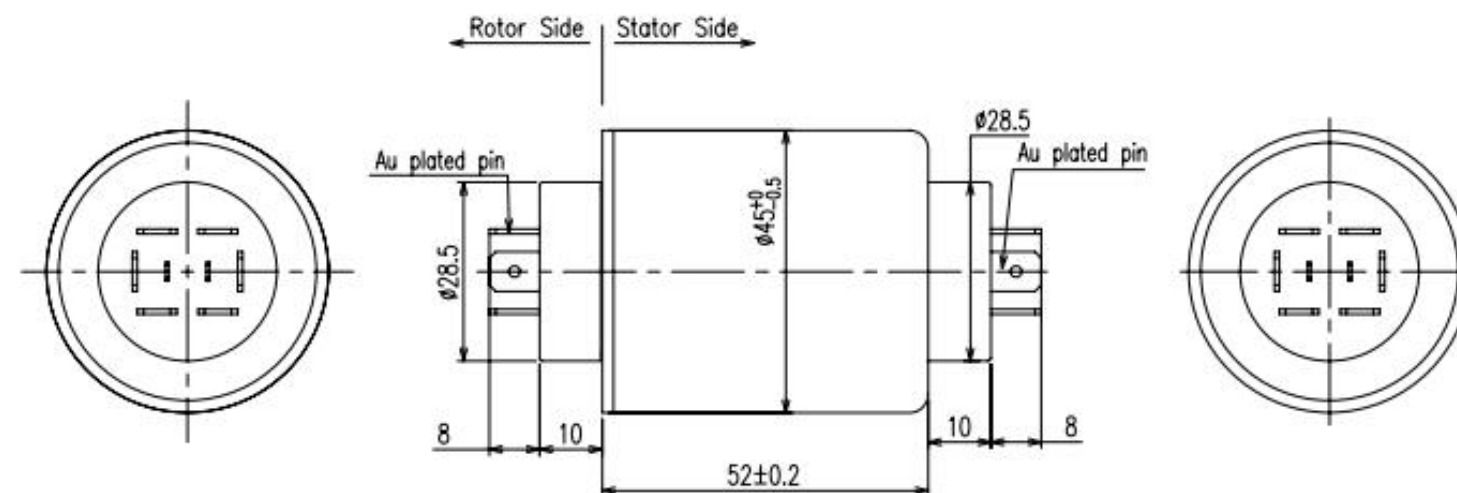
## Advantage



- ✓ Fiber brush technology provides maintenance-free operation (no lubrication required)
- ✓ Modular design meets special requirements through off-the-shelf manufacturing techniques
- ✓ Continuous 360° rotation of power or data signals
- ✓ The IP class is IP54
- ✓ Customized configurations for your application

## Drawings

Model:LPR-8H



### MESSAGE

Any questions about slip ring, please leave your message to get a professional solution

Wire Color Code								
Wire Size	Ring #	Color	Ring #	Color	Ring #	Color	Ring #	Color
Silver plated copper Teflon UL	#1	BLK	#2	BRN	#3	RED	#4	ORG
	#5	YEL	#6	GRN	#7	BLK-BLU	#8	PUR
	#9	GRAY	#10	WIT	#11	PINK	#12	AZURY
	#13	WIT/BLK	#14	WIT/BRN	#15	WIT/RED	#16	WIT/ORG
	#17	WIT/YET	#18	WIT/GRN	#19	WIT/BLU	#20	WIT/PUR
	#21	WIT/GRAY	#22	CLAR	#23	BLK-RED	#24	BLK/BRN

Remarks: 1. Silver plated copper Teflon UL, 24 different color single wires for a circle

2. #1 from rotor side (The color if the wire can be changed).

#### PRODUCT CATEGORY

FORJ  
Capsule slip ring  
Through bore slip ring  
Pancake slip ring  
Mercury slip ring  
Separate slip ring  
Miniature slip ring  
Wind turbine slip ring  
Hydraulic slip ring  
Pneumatic slip ring  
Coaxial rotary joints

#### REQUESTS

Circuits  
Current&voltage  
Signal details  
Dimension  
Working speed  
Working temperature  
Operating  
Environment  
Other

#### INDUSTRIES

Surveillance  
Crane  
Medical  
Marine  
Defence  
Radar antenna  
Automation  
Meter and instrument  
Wind turbine generator  
VR Device  
Other

Contact us on wire color codes



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