

# Through Bore Slip Ring



## LPT025 Series Slip Ring with Through Bore 25.4mm

### Description

This unit can be used in any electromechanical system that requires unrestrained, intermittent, or continuous rotation while transferring power or data.

The LPT025 provides an economical, readily available solution when a compact through-bore configuration is required. This unit provides a 25.4mm through-bore for routing hydraulic or pneumatic lines and a compact 86mm outside diameter for minimal space applications. The 15 amps per circuit are available in 6, 12, 18 and 24 ring configurations in 4 housing lengths. Similar in design to our very popular LPT025 series, this design features long life, fiber brush contact technology for ultimate performance in many challenging applications. Fiber brushes do not require lubrication and produce virtually no wear debris, for maintenance free, life time operation.

### Main Application

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

### Option

- ◆ Placement of custom circuitry directly onto the unit
- ◆ Custom mechanical integration features
- ◆ Addition of special components
- ◆ Inclusion of coax and miniature data bus cables

**Contact us to discuss your special needs**

### Features

- ◆ 6, 12, 18 and 24 circuits models
- ◆ Precious metal contacts
- ◆ 5 amps rings
- ◆ Precision ball bearings for long life
- ◆ Speed up to 500 rpm continuous
- ◆ Compact size
- ◆ Sealed units available
- ◆ Flying leads
- ◆ Fully compatible with both analog and TTL control level signals
- ◆ Rugged black anodized aluminum construction

### Advantage

- ◆ Unique signal handling performance with minimal electrical noise
- ◆ Compact design to fit in the most demanding space constraints
- ◆ Low torque minimizes system torque budget
- ◆ Rapid delivery



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L---The length of through bore slip ring(mm)					
Part Number	Current/Circuit	6 circuits	12 circuits	18circuits	24 circuits
LPT025(Inner diameter25.4mm)	5A	43.5	62.7	81.9	101.1
	10A	47.7	71.7	94.5	117.9
	15A	52.5	80.7	108.9	137.1

Contact us on wire color codes