

# Ethernet and High Definition Slip Ring Capsules

## SRA-73801 / SRA-73808

### *Ethernet slip ring capsule*

#### **Description**

A slip ring can be used in any electromechanical system that requires unrestrained, continuous rotation while transferring power and data from a stationary to a rotating structure.

The SRA-73801 and SRA-73808, derivatives of our very popular SRA-73683, provides Ethernet communication in combination with 2 amp, signal / power connections. The Ethernet cable is supplied terminated with a RJ45 jack, ready to connect.

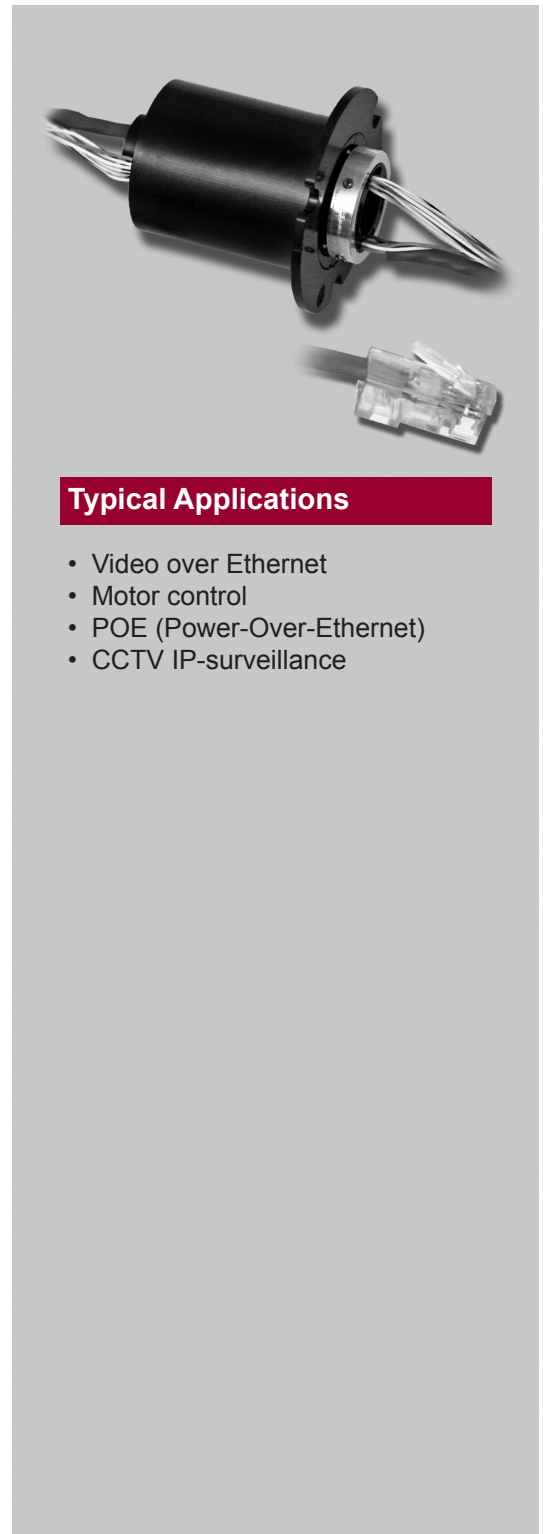
The SRA-73801 and SRA-73808 utilize gold-on-gold contact technology with very low electrical noise for unparalleled performance and provides functional life that exceeds any competitive slip ring. This unit provides a 1/2 inch through-bore for shaft mounting and a compact 1-3/8 inch outside diameter for minimal space applications.

#### **Features**

- Fully compliant with IEEE 802.3 formats
  - 10BaseT
  - 100BaseTx
  - 100BaseT2
  - 1000BaseT
- Speeds up to 120 RPM continuous
- 12, 24, 36 and 48 inch lead lengths
- Supplied with 1000BaseT Ethernet and 12, 2-amp circuits

#### **Benefits**

- Compact
- Plug-and-play Ethernet connection



#### **Typical Applications**

- Video over Ethernet
- Motor control
- POE (Power-Over-Ethernet)
- CCTV IP-surveillance

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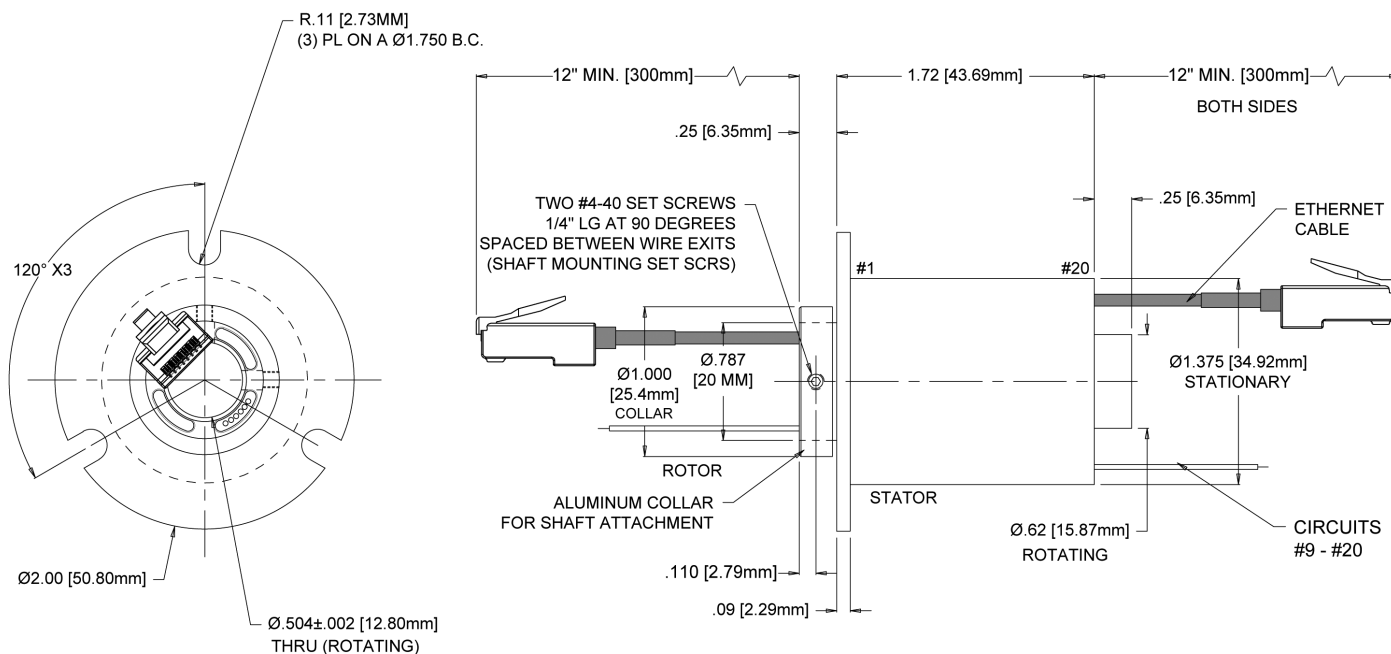
SRA-73801 / SRA-73808 Specifications		Options
Operating Speed	250 rpm* continuous	• Lead lengths of 12, 24, 36 and 48 inches
Ethernet Connections	10 / 100BaseT and 1000BaseT	
Circuit Options	Ethernet plus, 2 amp contacts	
Voltage	210 VDC on power circuits	
Temperature Range	-40°C to +80°C	
Contact Material	Gold	
Current Rating	2 amps	

\*Please note that the operational life of the unit is dependent upon rotational speed, environment and temperature.

SRA-73801 Lead Wire Color			
Ring #	Color Code	Ring #	Color Code
1	1000BaseT Ethernet Cable	11	RED
2		12	ORG
3		13	YEL
4		14	GRN
5		15	BLU
6		16	VIO
7		17	GRY
8		18	WHT
9	BLK	19	WHT-BLK
10	BRN	20	WHT-BRN

SRA-73808 Lead Wire Color			
Ring #	Color Code	Ring #	Color Code
1	100BaseT Ethernet Cable	11	BLU
2		12	VIO
3		13	GRY
4		14	WHT
5	BLK	15	WHT-BLK
6	BRN	16	WHT-BRN
7	RED		
8	ORN		
9	YEL		
10	GRN		

## SRA-73801 / SRA-73808 Dimensions



Dimensions in inches [mm]