

# Ethernet and High Definition Slip Ring Capsules

## SRA-73799 / SRA-73806

### *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-73799 and SRA-73806, derivative of our very popular SRA-73625, provides 100BaseT or 1000BaseT Ethernet communication in combination with 2 amp, signal / power connections. The Ethernet cable is supplied terminated with a RJ45 jack, ready to connect.

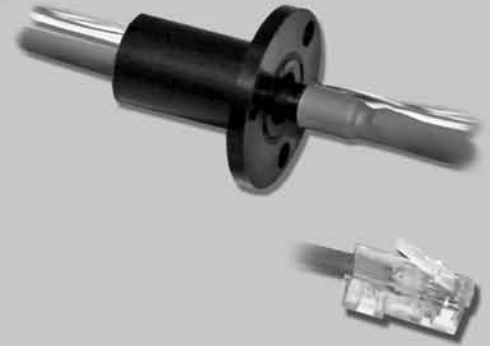
The SRA-73799 and SRA-73806 utilizes gold-on-gold contact technology with very low electrical noise for unparalleled performance and provides functional life that exceeds any competitive slip ring.

#### **Features**

- Fully compliant with IEEE 802.3 formats
  - 10BaseT
  - 100BaseTx
  - 100BaseT2
  - 1000BaseT
- Speeds up to 250 RPM continuous
- 12, 24, 36 and 48 inch lead lengths
- Supplied with 100BaseT or 1000BaseT Ethernet and 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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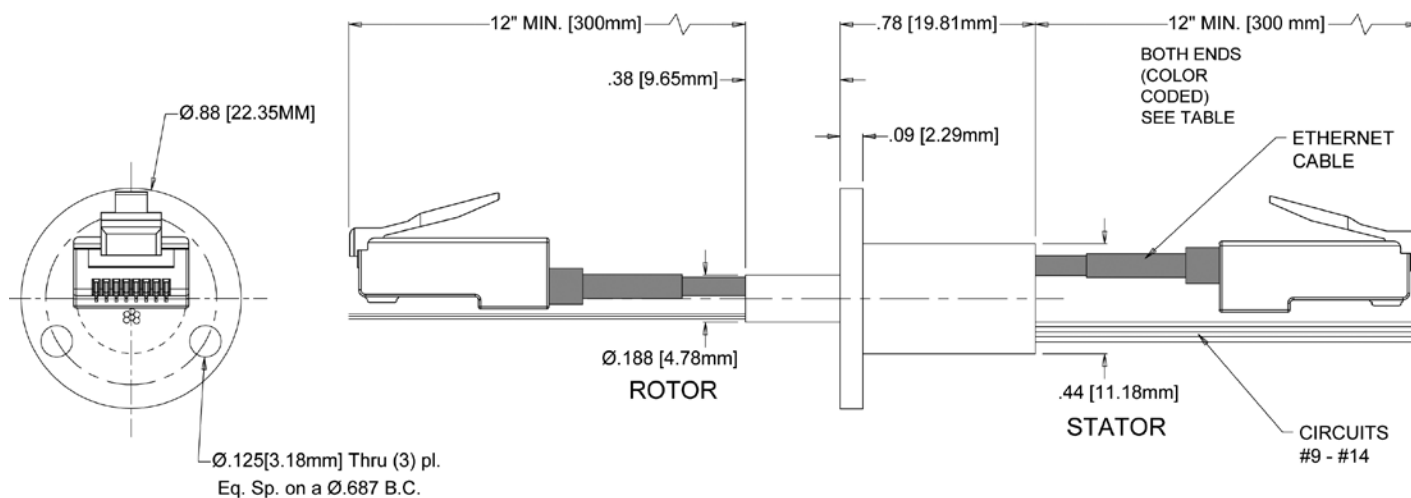
SRA-73799 / SRA-73806 Specifications		Options
Operating Speed	250 rpm* continuous	• Lead lengths of 12, 24, 36 and 48 inches
Ethernet Connections	10 / 100BaseT and 1000BaseT	
Circuit Options	Ethernet plus, 2 amp contacts	
Voltage	240 VAC on power circuits	
Temperature Range	-40°C to +80°C	
Contact Material	Gold-on-gold	
Current Rating	2 amps	

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

SRA-73799 Lead Wire Color			
Ring #	Color Code	Ring #	Color Code
1	1000BaseT Ethernet Cable	9	BLK
2		10	BRN
3		11	RED
4		12	ORN
5		13	YEL
6		14	GRN
7			
8			

SRA-73806 Lead Wire Color			
Ring #	Color Code	Ring #	Color Code
1	100BaseT Ethernet Cable	9	YEL
2		10	GRN
3		11	BLU
4		12	VIO
5		13	GRY
6	BLK		
7	BRN		
8	RED		
	ORN		

## SRA-73799 / SRA-73806 Dimensions



Dimensions in inches (mm)