SRA-73762

Compact in various circuit configurations

Description

A slip ring can be used in any electromechanical system that requires unrestrained, continuous rotation while transferring power and / or data from a stationary to a rotating structure. A slip ring is also called a rotary electrical interface, commutator, collector, swivel or an electrical rotary joint.

Features

- 12, 18 and 24 circuit models
- 2 amp / 240 VAC circuits
- Precision ball bearings meet or exceed life requirements for most commercial applications
- Speeds up to 250 rpm
- Compact size: .61 inch diameter and 1.56 inch length
- Gold-on-gold contacts
- Compatible with data bus protocols
- Flexible, color-coded, silver-plated, Teflon® insulated lead wires
- Transfers analog and digital signals

Benefits

- Smooth running
- Low torque
- Compact
- Quick shipment

Typical Applications

- CCTV pan / tilt camera mounts
- Electrical test equipment
- Manufacturing and process control equipment
  - Indexing tables
  - Robotics (end-effectors, arms, vision systems, sensors)
- Exhibit / display equipment
- Medical equipment

Slip Ring Capsules (Compact)

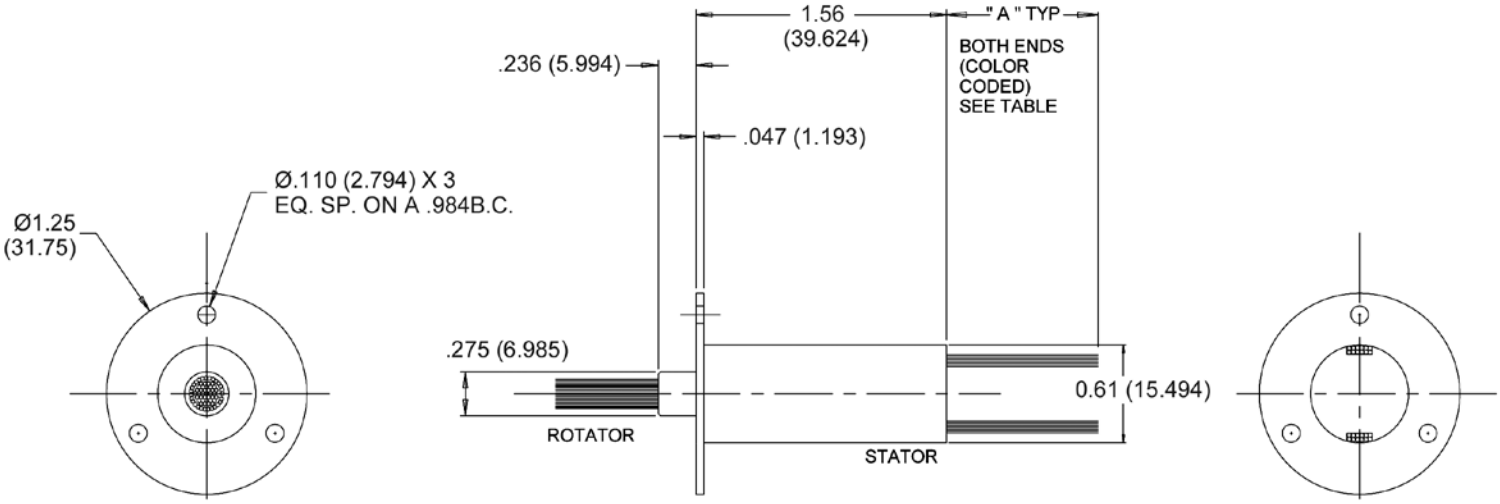
SRA-73762 Specifications	
Operating Speed	250 rpm*
Number of Circuits	12, 18 and 24
Lead Lengths	12, 24, 36 and 48 inches
Lead Size / Type	#28 AWG Teflon® insulated, stranded cond.
Voltage	240 VAC
Temperature Range	-40°C to +80°C
Contact Material	Gold
Current Rating	2 amps, per circuit
Electrical Noise	60 milliohms max.

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

SRA-73762 Lead Wire Color Codes				
Ring #	**Color Code**	**Ring #**	**Color Code**	
1	BLK	13	WHT-RED	
2	BRN	14	WHT-ORN	
3	RED	15	WHT-YEL	
4	ORN	16	WHT-GRN	
5	YEL	17	WHT-BLU	
6	GRN	18	WHT-VIO	
7	BLU	19	BLK	TAGGED LEADS 19 - 24
8	VIO	20	BRN	
9	GRY	21	RED	
10	WHT	22	ORN	
11	WHT-BLK	23	YEL	
12	WHT-BRN	24	GRN	

Part Number	"A"
SRA-73762	12 in (304.8 mm)
SRA-73762-A	24 in (609.6 mm)
SRA-73762-B	36 in (914.4 mm)
SRA-73762-C	48 in (1219.2 mm)

SRA-73762 Dimensions



Dimensions in inches (mm)