SRA-73574 / SRA-73587
Compact in various circuit configurations

Description
A slip ring capsule can be used in any electromechanical system that requires unrestrained, intermittent, or continuous rotation while transferring power and / or data.
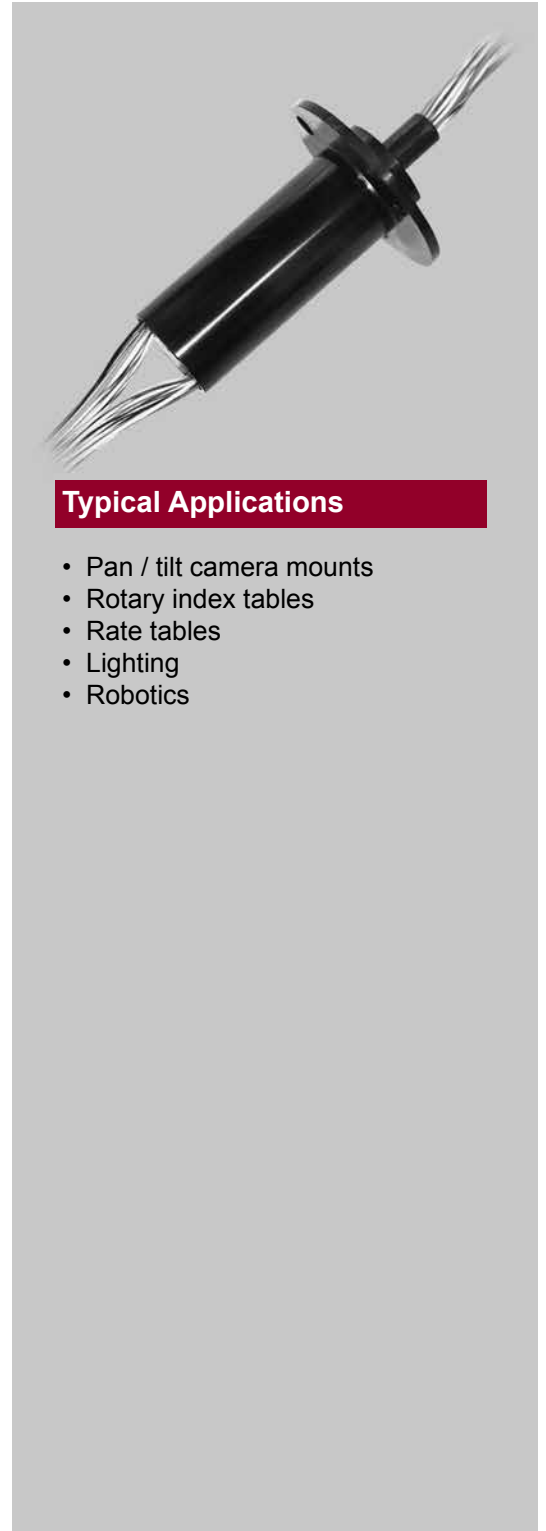
The SRA-73574 / SRA-73587 provides an economical, readily available solution when a compact, high circuit count configuration is required. Our standard units, offer 36, 2 amp, 4, 10 amp and 24, 2 amp signal rings, respectively. These units can be modified to provide various combinations of power, signal and coax circuits. Similar in design to our very popular AC6023, this design features gold-on-gold contact technology for ultimate performance in many challenging applications.

Features
• 2 amp and 10 amp circuit combinations standard
• Precision ball bearing for long life
• Speeds up to 250 rpm
• Compact size
• Transfers analog and digital signals
• Compatible with data bus protocols

Benefits
• Unique signal handling performance with minimal electrical circuit noise
• Tight packaging to fit in the most demanding space constraints
• Low torque to minimize system torque budget
• Rapid delivery

Typical Applications

• Pan / tilt camera mounts
• Rotary index tables
• Rate tables
• Lighting
• Robotics

Specifications	SRA-73574	SRA-73587
Operating Speed	250 rpm*	250 rpm*
Circuit Configurations	36 circuits @ 2 A., #26 AWG Teflon® insulated, stranded cond.	4 power 10 A continuous, #18 AWG Teflon® insulated, stranded cond. 24 signal, 2 A, #26 AWG Teflon insulated, stranded cond.
Voltage	240 VAC	240 VAC
Temperature Range	-40°C to +80°C	-40°C to +80°C
Contact Material	Gold	Gold
Electrical Noise	60 milliohms max.	60 milliohms max.

Please note that the operational life of the unit is dependent upon rotational speed, environment and temperature.
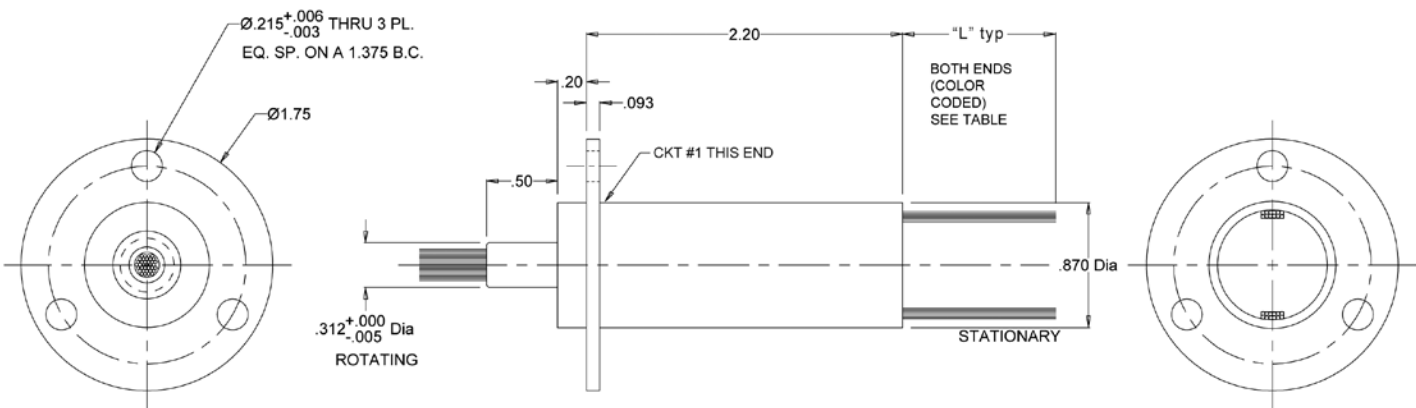
SRA-73574 Lead Wire Color Codes

Ring #	Color Code	Ring #	Color Code	Ring #	Color Code	Ring #	Color Code
1	BLK	10	WHT	19	WHT-GRY	28	WHT-BRN-RED
2	BRN	11	WHT-BLK	20	WHT-BLK-BRN	29	WHT-BRN-ORN
3	RED	12	WHT-BRN	21	WHT-BLK-RED	30	WHT-BRN-YEL
4	ORN	13	WHT-RED	22	WHT-BLK-ORN	31	WHT-BRN-GRN
5	YEL	14	WHT-ORN	23	WHT-BLK-YEL	32	WHT-BRN-BLU
6	GRN	15	WHT-YEL	24	WHT-BLK-GRN	33	WHT-BRN-VIO
7	BLU	16	WHT-GRN	25	WHT-BLK-BLU	34	WHT-BRN-GRY
8	VIO	17	WHT-BLU	26	WHT-BLK-VIO	35	WHT-RED-ORN
9	GRY	18	WHT-VIO	27	WHT-BLK-GRY	36	WHT-RED-YEL

SRA-73587 Lead Wire Color Codes

Ring #	Color Code
1 - 24	SAME AS SHOWN ON SRA-73574
25	WHT (18 AWG)
26	BRN (18 AWG)
27	RED (18 AWG)
28	ORN (18 AWG)

SRA-73574 / SRA-73587 Dimensions

Ø.215 +.006 -.003 THRU 3 PL. EQ. SP. ON A 1.375 B.C.
Ø1.75
.312 +.000 -.005 Dia ROTATING
.20
.093
.50
CKT #1 THIS END
2.20
"L" typ
BOTH ENDS (COLOR CODED) SEE TABLE
.870 Dia
STATIONARY

Dimensions in inches

Part Number	"L"
SRA-73574 / SRA-73587	12 in (304.8 mm)
SRA-73574-A / SRA-73587-A	24 in (609.6 mm)
SRA-73574-B / SRA-73587-B	36 in (914.4 mm)
SRA-73574-C / SRA-73587-C	48 in (1219.2 mm)