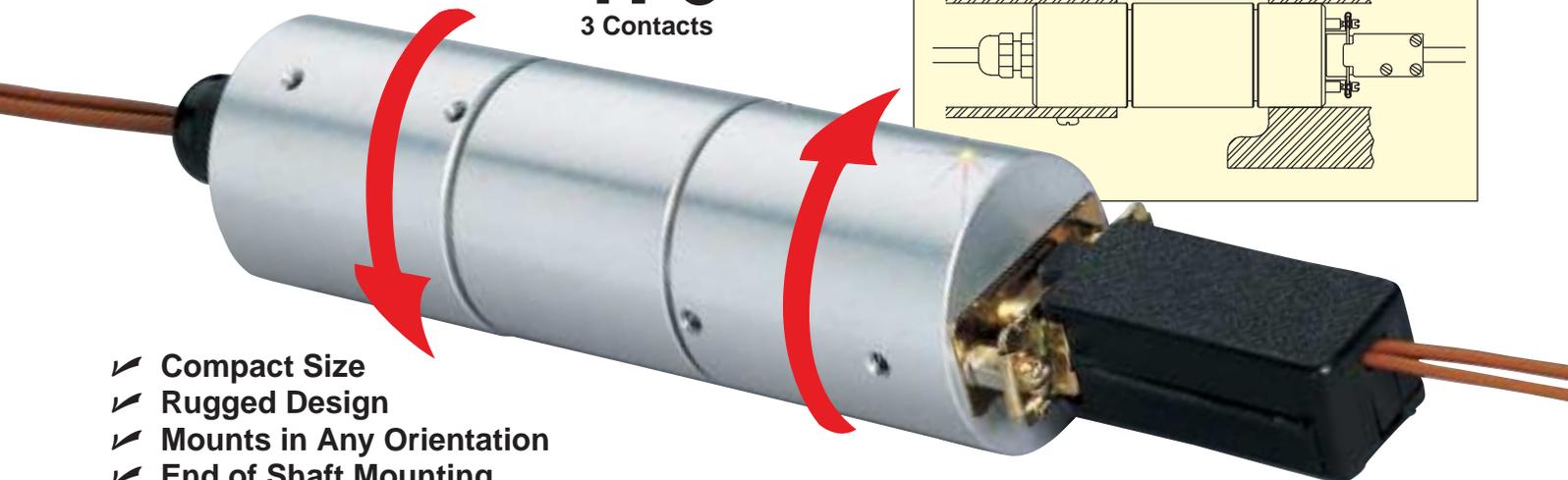
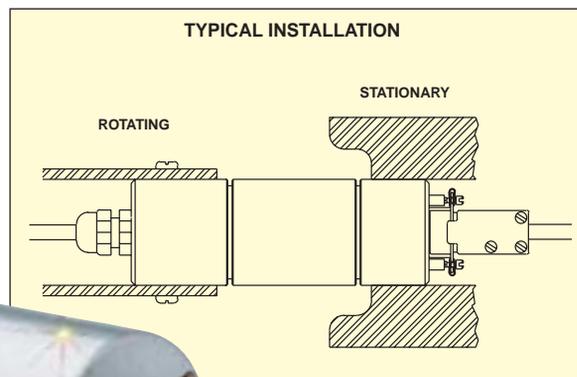


Slip-Ring Assemblies

Sealed Mercury Contacts for Low Electrical Noise

Either side can rotate while the other side remains stationary

SRTC-3-U
£476
 3 Contacts



- ✓ Compact Size
- ✓ Rugged Design
- ✓ Mounts in Any Orientation
- ✓ End of Shaft Mounting
- ✓ 0.9m (36") Teflon® Insulated Stranded Wire Leads on Each End
- ✓ Extremely Low Electrical Noise

SRTC series slip rings fit a wide range of applications for low level instrumentation signals, including thermocouples and RTD's. Tight environmental sealing permits continuous operation with zero maintenance. Available in thermocouple types J, K, T, E, and uncompensated.

For easy installation, one end of the SRTC features a removable 9-pin sub-D connector with 0.9m lead wires; the other end has integrally attached lead wires.

Note that vibration and mechanical shock reduce useful life. Some installations might require a shock absorbing-type mount to extend the unit's life. Limit mounting eccentricity to .05 mm. In food applications, isolate the assembly from any possibility of food contamination.

Specifications

Mounting: Any end-of-shaft orientation is acceptable. Either the shaft or the housing must have a flexible link to the supporting structure

Housing: Corrosion resistant aluminium

General: Permanently lubricated bearings at both ends

Lead Wires: 91.44 cm (3 ft) long stranded Teflon® insulated wire; 24 AWG; 9-pin sub-D connector on fixed end; each pair identified

Stationary Contact Resistance: 1 mΩ (excluding lead wires)

Rotating Contact Resistance: Same as stationary resistance, no change with RPM

Relative Humidity: No effect

Shown smaller than actual size

See Section G for Wire

Operating Ambient Temperature: -30 to 70°C (-20 to 160°F), assuming minimal heat flow through shaft and housing mounts. If machinery surfaces are hot, use insulated mounting systems

Dimensions: SRTC-3 & 4: 143 L x 41 mm Dia (5% x 1 1/2")
SRTC-6 & 8: 143 L x 48 mm Dia (5% x 1 7/8")

To Order (Specify Model Number)						
Model Number	Price	No. of Contacts	Length mm (in.)	Diameter	Max RPM	Rotational Torque
SRTC-3-U	£476	3	142.88 (5.625)	41.28 (1.625)	1800	200 gr/cm
SRTC-4(*)	615	4	142.88 (5.625)	41.28 (1.625)	1200	400 gr/cm
SRTC-6(*)	950	6	142.88 (5.625)	47.63 (1.875)	300	700 gr/cm
SRTC-8(*)	1355	8	142.88 (5.625)	47.63 (1.875)	200	1000 gr/cm

*Insert J, K, T, E or U (uncompensated)

Ordering Example: SRTC-6-K, slip ring assembly with 6 contacts, type K, £950

Model Number	Price	No. of Contacts
SR	£1420	2
SR-4	2370	4
SR-6	3555	6

Model Number	Price	No. of Contacts
SR-8	£4740	8
SR-10	5925	10
SR-12	7110	12

Consult Sales for more information