



Rotary Position Control Sensors

RPC Series

Features

- Bush Mounting
- Glass filled nylon body
- Stainless steel shaft
- Conductive Polymer Track
- Continuous Rotation Available
- RoHS Compliant
- O-ring & epoxy seals

Benefits

- Highly reliable
- Robust
- Simple to use
- Long life
- Easy to install
- Proven technology
- Easily customized



Electrical Data

| | |
|------------------------------------|---|
| Standard Resistance Range | 1,000 Ohms to 10,000 Ohms |
| Selection Tolerance | +/- 20% |
| Angle of Effective Rotation | 330° +/- 3° |
| Total Mechanical Rotation | 340° +/- 3° |
| Power Rating | 1.0W @ 70°C derate for restricted angle |
| Wiper Current | 30mA max. (limited by dissipation) |
| Temperature Characteristics | 1% max (+20°C to +70°C) 0 to 200ppm/°C max |
| Linearity | +/- 1.0% typical (+/- 2% max) |
| Starting Torque | 20mNm maximum |
| End Stop Torque | 800 mNm maximum |
| Rational Life | 300,000 shaft revolutions |

General Note

SST Sensing Ltd reserves the right to make changes in product specifications without notice or liability. All information is subject to SST's own data and is considered accurate at time of going to print.



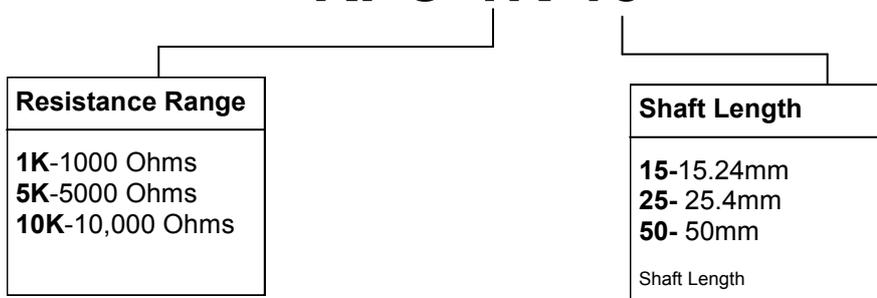
Applications

- Transport
- Marine
- Agriculture
- Machinery
- Machine Tools
- Automotive
- Welding
- Telehandling
- Electrical chairs

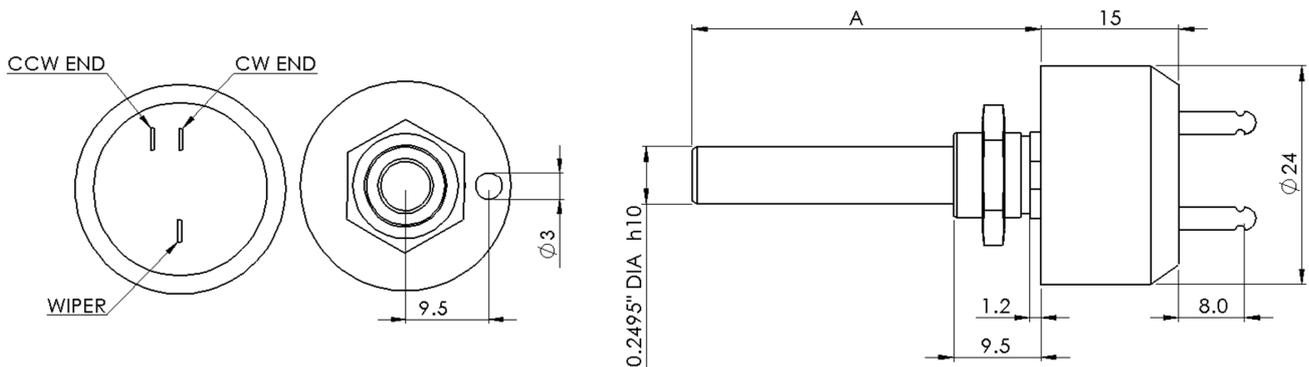
Ordering Guide

E.G.

RPC-1K-15



Schematic



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WARNING

It is the customer's responsibility to ensure that this product is suitable for use in their application. For technical assistance or advice, please email us: info@sstsensing.com

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