

SK22B Contactless Potentiometer - .87" Dia.



For more information about this product, visit our website at: www.potentiometers.com



Series SK22B potentiometers feature Precision Inductive Contactless elements

Features

- Inductive element
- Anodized Aluminum housing
- Stainless steel shaft
- 26AWG 6" Leadwires

Options

- Servo Mounting with Ball Bearings,
- Sealed Body

Electrical Specifications

Input Voltage: 5 VDC
Effective Electrical Angle: $\pm 50^\circ$
Effective Output: About 10% to 90% V_{in}
Independent Linearity: $\pm 0.5\%$ Standard
Resolution: Infinite
Load Resistance: Over 10K Ohm
Power Rating: 0.5 watt

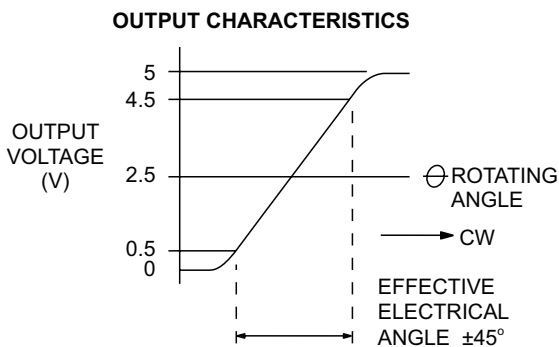
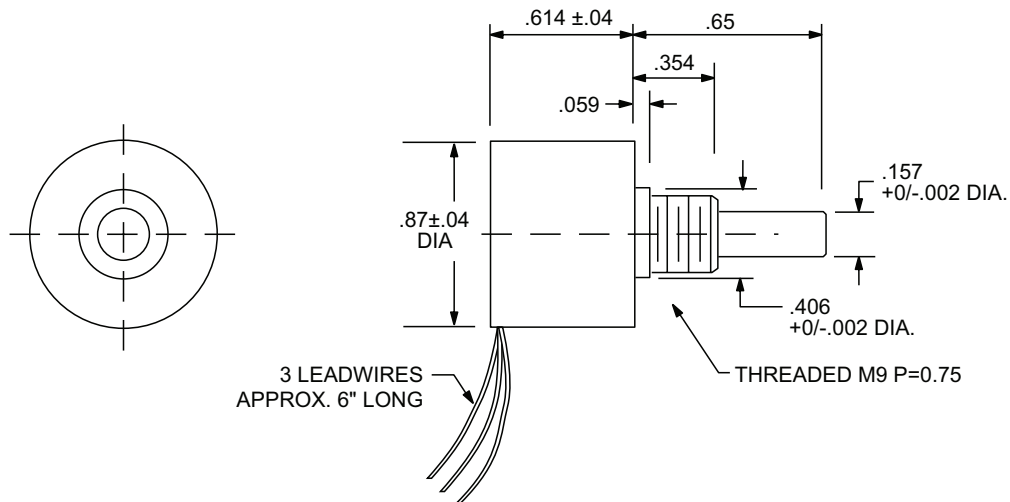
Mechanical Specifications

Mechanical Rotation: Continuous
Starting Torque: Less than 1 microNewton per meter
Weight: 0.53 oz. (15g)
Rotational Life: 100,000,000 Revolutions

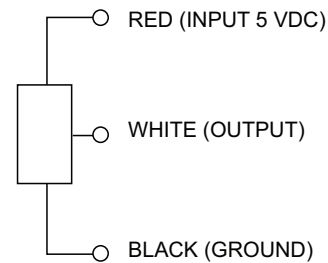
Environmental Specifications

Operating Temperature: -40°C to $+105^\circ\text{C}$
Temperature Coefficient: ± 400 PPM/ $^\circ\text{C}$
Vibration: 10HZ to 2000HZ 20G
Shock: 980m /S
Moisture Resistance: 40°C 95%RH 120 Hours

SK22B Contactless Potentiometer - .87" Dia.



TERMINAL CONNECTION



Ordering Information

Example Part Number: **SK22B-SB**

SK22B

SB

Model

Options

SK22B

SB = Sealed Body

S = Servo Mount with Ball Bearings

For more information about this product, visit our website at: www.potentiometers.com

STATE
ELECTRONICS

© State Electronics

36 State Route 10, STE 6 • East Hanover, NJ 07936-0436

973-887-2550 • Toll Free 1-800-631-8083 • Fax 973-887-1940

<http://www.potentiometers.com>