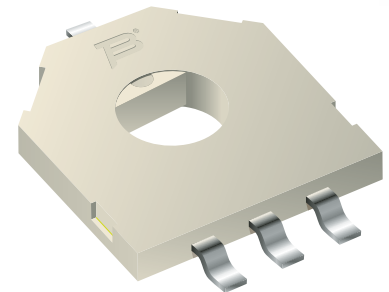




Featured Products Bulletin

TRIMPOT® PRODUCTS



Bourns® Trimpot® Products Group Releases New Rotary Position Sensor Model

Riverside, California - August 13, 2008 - Bourns® Trimpot® Products Group is proud to announce the release of [Model 3382](#), a new 12 mm dust-proof rotary position sensor.

Rotary position sensors are suitable for applications where a mechanical angular displacement is detected by a proportional electrical signal. Rotary position sensors are designed for applications that typically require frequent adjustment. The shaftless design allows for a variety of mechanical engagement mechanisms, such as a customized shaft, a motor control, a human interface adjustment or a mechanical arm position locator. Rotary position sensors are used in applications where it is necessary to control a variable output such as frequency, speed or volume control. These devices are designed for applications requiring high cycle life and can meet 1,000,000 rotational cycles.

Backed by Bourns' commitment to quality, reliability and value, Bourns® rotary position sensors deliver high quality and reliability at competitive prices. With its 12 mm slim design, Model 3382 is well suited for applications with space constraints and has the following features:

Model 3382 Features

- D-slot rotor
- Electrical angle: 320 °
- Linearity: ± 1 %
- Low profile
- 1,000,000 rotational cycles
- Lead free board process compatible*
- Various resistance values
- Surface mount design
- Embossed tape carrier packaging
- RoHS compliant**

Model 3382 Applications

- Volume control on audio equipment
- Motion controllers
- Dishwasher control systems
- Automotive temperature range

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*Refer to Bourns recommendations for soldering and cleaning processes in the Library of the Bourns website.

**RoHS Directive 2002/95/EC Jan 27 2003 including Annex.

Applications:

AUTOMOTIVE

Automotive temperature range
Throttle position sensor for small engines
Navigation systems
Car audio changers
Power seats
Power mirrors
Adaptive Front Lighting Systems (AFS)



GENERAL ELECTRONICS

Portable electronic equipment
Digital cameras
Industrial equipment and controls
Audio equipment volume controls
Onboard control panels
Operating mode adjustment

ROBOTICS

Detection of robot joint angles
Joystick controllers
Motor wheelchairs
Motion controllers
Automation systems for motion & control functions



WHITE GOODS

Mechanical compartment systems for home appliances
Kitchen cupboard opening systems
Dishwasher control systems
Detection of air conditioner damper angles
Washer and dryer control systems
In-wall temperature control systems
Motherboard control for heating systems

For technical support, please feel free to contact our Bourns Sales Representatives in your area or customer service.

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