

# PRODUCT BRIEF

## Throttle Position Sensors

### Customer-specific Solutions

#### OVERVIEW

As a key vehicle design element, throttle position sensors provide rotary motion feedback to the fuel supply system. These sensors are designed with a direct interface to the throttle body shaft and feature an internal return spring to deliver reliable, consistent performance. As a premier

supplier of rotary-based position sensors, Bourns has extensive experience in meeting a broad variety of throttle position sensor requirements. To leverage our proven custom sensor design expertise, please contact us with your specifications.

#### FEATURES

- Non-contacting technologies
- Custom housing and connector design
- Input voltage: 5 – 32 V
- Temperature range: -40 °C to +125 °C
- Output: analog or digital (PWM, CAN, Sent, etc.)
- ESD and EMC immunity

#### BENEFITS

- Reliable long life
- Mechanical package adapted to customer design
- Wide range of input voltages
- Designed for certain harsh environments
- Flexible communications
- Internal protection from ESD



*Let Bourns provide you with a customer-specific sensor solution for all your precision brake wear sensor applications.*



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