

## Featured Products Bulletin

### ROTARY POSITION SENSORS

## Bourns® New H-864 Model 3382 Design Kit Released

Riverside, California - October 12, 2011 - In continuing support of the Industrial Market Segment, Bourns® Sensors and Controls Product Line is pleased to announce the release of the [H-864 Model 3382 Rotary Position Sensor Design Kit](#). Each kit has a selection of 3382 configurations to provide designers with options for SMD and through-hole designs.

Bourns® Model 3382 is designed for use as a board level component with capability to accept a 4 mm or 3.5 mm diameter snap-in shaft or actuator. With a wide operating temperature range (-40 °C to +120 °C), extended rotational life (1,000,000 cycles), and selection of standard resistances, the 3382 is a reliable solution for a myriad of applications.

Typical applications include joystick controls, environmental controls, air handling detectors, home automation, portable electronics, small engine throttle position sensors, and any other type of application where analog position sensing is required.

*H-864 Model 3382 Design Kit contains:*

| Part Numbers | Configuration                             | Qty. |
|--------------|---|------|
| 3382G-1-252G | 2.5 kΩ, SMD, 4 mm shaft diameter          | 5    |
| 3382G-1-502G | 5 kΩ, SMD, 4 mm shaft diameter            | 5    |
| 3382G-1-103G | 10 kΩ, SMD, 4 mm shaft diameter           | 5    |
| 3382G-2-104G | 100 kΩ, SMD, 3.5 mm shaft diameter        | 5    |
| 3382H-1-103  | 10 kΩ, through-hole, 4 mm shaft diameter  | 5    |
| 3382H-2-502  | 5 kΩ, through-hole, 3.5 mm shaft diameter | 5    |



The new design kit is now available. The [Model 3382 data sheet](#) can be found on the Bourns website at [www.bourns.com](http://www.bourns.com).

Should you have any questions or need additional information, please feel free to contact [Customer Service/ Inside Sales](#).

#### Model 3382 Features

- Surface mount and through-hole versions
- 12 mm square / dustproof
- One million rotational cycles
- Thin profile
- RoHS compliant\*

#### Model 3382 Applications

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