

Featured Products Bulletin

PRECISION POTENTIOMETERS

Bourns® New H-590 Model 3549 Design Kit Released

Riverside, California - September 14, 2011 - In continued support of the Industrial Market Segment, Bourns® Sensors & Controls Product Line is pleased to announce the release of the [H-590 Model 3549 Precision Potentiometer Design Kit](#). Each kit has a selection of 3549 configurations to provide designers with several options for designs.

Bourns® Model 3549 is designed for use in harsh environmental conditions, providing reliability and excellent performance over traditional optical and contacting encoders. Typical applications include medical diagnostic and imaging equipment, patient mobility and therapy equipment, industrial automation, test and measurement, motorized aircraft seats, and any other type of application where analog position sensing is required.

H-590 Model 3549 Design Kit contains:

| Part Numbers | Configuration | Quantity |
|----------------|--|----------|
| 3549S-1AA-103A | • Wirewound Element • 0.2 % Independent Linearity | 1 |
| 3549S-1AG-103A | • Wirewound Element, • 0.2 % Independent Linearity • Slip Clutch | 1 |
| 3549H-1AC-103B | • Hybritron® Element, • 0.1 % Independent Linearity • High Side Load | 1 |
| 3549H-1AE-103B | • Hybritron® Element, • 0.1 % Independent Linearity • Servo Mount | 1 |



The new design kit is now available. The Bourns® [Model 3549 data sheet](#) can be found on the Bourns website at www.bourns.com. For your convenience a Distribution Price list with prices, minimums and multiples is attached. For additional information, the [Model 3549 short form brochure](#) can be found in the library section of the Bourns website.

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

Model 3549 Features

- Wirewound and Hybritron® elements
- High rotational life
- Optional 0.1 % linearity
- Optional A/R lug
- Suitable for use under side load
- Designed for HMI and MMI applications
- Dual gang, servo mount options
- RoHS compliant*

Model 3549 Applications

- Data communications equipment
- Remote controls (wireless/hardwired)
- Cellular phone equipment
- Scanners, copiers, multimeters
- Household goods, appliances
- Battery chargers
- 2-way radios
- Test and measurement equipment

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

"Hybritron" is a registered trademark of Bourns, Inc.

Bourns® products have not been designed or tested for, and are not recommended for use in, FDA Class 3 medical devices or nuclear facilities applications.