

# Featured Products Bulletin

## PRECISION POTENTIOMETERS



### Bourns® Model 3547/3548/3549 New Option

Riverside, California - November 10, 2010 - In line with our commitment to provide our customers with innovative products, Bourns® Sensors and Controls Product Line is proud to announce the release of a “slip clutch” option for our Model 3547/3548/3549 3-turn, 5-turn, and 10-turn Precision Wirewound Potentiometers.

This specialty option was developed in response to requests from industrial, medical and aerospace customers who wanted a way to protect the end stops on the potentiometer should their equipment go out of calibration.

The “slip clutch” design is internal to the part and does not alter the physical dimensions of the part. This feature allows the wiper to idle at the extreme clockwise or counter-clockwise ends without inducing damage to the stops on the potentiometer. This design option is now used in machine-to-machine applications as a safety feature where the mechanical actuator may occasionally rotate the shaft beyond the mechanical stops, or beyond the set number of turns.

Samples and production quantities are now available. Revised data sheets with updated “How to Order” tables have also been posted at [www.bourns.com](http://www.bourns.com) for your reference.

#### Model 3547 / 3548 / 3549 Features

- Wirewound and Hybritron® elements
- High rotational life
- Optional 0.20 % (3547), 0.15 % (3548), 0.10 % (3549) linearity
- Optional A/R lug
- Suitable for use under side load
- Designed for HMI and MMI applications
- Dual gang option
- Servo mount option
- RoHS compliant\*

#### Model 3547 / 3548 / 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

*Hybritron® is a registered trademark of Hybritron, Inc.*

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