

## Excellent Integrated System Limited

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[Bourns Inc.](#)  
[PEL12D-2225S-S1024](#)

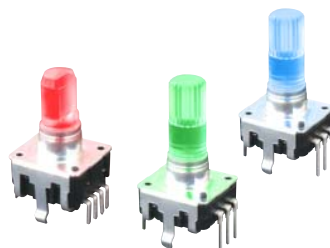
For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

# BOURNS®

## Featured Products Bulletin

### ENCODERS



## Bourns® Model PEL12 Series Encoder w/Illuminated Shaft

Riverside, California - TO BE RELEASED DECEMBER 6, 2010 - Bourns® Resistive Products Division proudly announces the release of our Model PEL12 Series 12 mm Incremental Encoder with Illuminated Shaft and Switch Option.

Model PEL12 Series Encoder consists of three discrete models:

- PEL12S – Single LED version
- PEL12D – Dual LED version with switch
- PEL12T – Triple LED version with switch

Model PEL12 Series Encoder features:

- Operating Temperature: -10 °C to +70 °C
- Rotational Life: 30,000 cycles
- 24 PPR resolution
- Detent option
- Momentary push switch
- Knurled and flatted shaft styles
- Variety of LED colors
- RoHS Compliant\*

The PEL12 Series Encoder with Illuminated Shaft can be used in applications such as audio-visual equipment, consumer electronic appliances, portable electronics, environmental controls, communication equipment, and instrument panels. Other applications include professional audio equipment such as portable mixers, keyboards, guitar effects, and sound processors.

Samples and production quantities are now available. For your convenience, the data sheet is available on the Bourns website at [www.bourns.com](http://www.bourns.com) under Contacting Encoders, and on the Pro Audio website at [www.bourns.com/proaudio](http://www.bourns.com/proaudio) under Pro Audio Products.

#### Features

- Compact design, long life and high reliability
- Vertical and horizontal mount versions
- Momentary switch (PEL12D & PEL12T)
- Single (PEL12S), dual (PEL12D) and triple (PEL12T) LED design
- Flatted and knurled shaft styles
- RoHS compliant\*

#### Applications

Level control, tuning and timer settings in:

- Audio-visual equipment
- Consumer electric appliances
- Musical instrumentation
- Communication equipment