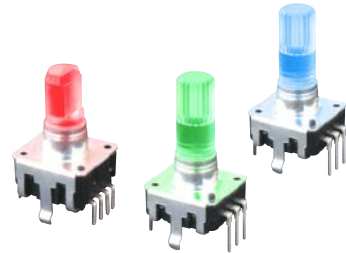


New Product Release

ENCODERS

Bourns Manufacturers Representatives
Corporate Distributor Product Managers
Americas Sales Team
Asia Sales Team
Europe Sales Team
Bourns Internal
Bourns Plant Managers



December, 2010

Bourns® Model PEL12 Series Encoder w/Illuminated Shaft

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.

Bourns	Knitter-Switch
PEL12S	MER12
PEL12D	MERP12
PEL12T	--

Bourns® Model PEL12 Series Encoder crosses to one competitive part as shown in the adjacent cross-reference table.

Samples and production quantities are now available. For your convenience, the data sheet is available on the Bourns website at www.bourns.com under Contacting Encoders, and on the

Pro Audio website at www.bourns.com/proaudio under Pro Audio Products. Also, for your convenience a listing of distributor prices with minimums and multiples is attached.

Please feel free to contact any of our Field Application/Business Development Engineers with any technical questions you may have regarding this new and exciting product.

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Best regards,
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