BOURNS®

PRODUCT EXTENSION **RELEASE**

SENSORS & CONTROLS



Bourns Expands PEC11S Series 12 mm SMD Incremental Encoder Series with Additional Shaft Length and Switch Options

Riverside, California - August 27, 2026 – The Bourns® PEC11S Series is a 12 mm surface mount incremental encoder with 2-bit quadrature output, designed for compact input control applications requiring precise rotational input. The device incorporates metal shaft and bushing construction to support mechanical robustness, along with an optional integrated push switch for additional user interface functionality. This model operates with continuous electrical travel at speeds up to 60 RPM and is designed to maintain performance across a wide environmental range.

This new extension introduces a 25 mm shaft length option, available in both switched and switchless configurations.

Series	Package Diameter (mm)	Output	Rotational Life (cycles min.)	Detent Torque (gf.cm)	Resolution (PPR)	Operating Temperature (°C)
PEC11S	12	2-bit quadrature code	15,000	100 ±70	15	-40 to +70

Features

- Push switch option standard
- Compact, rugged design
- High reliability
- Metal bushing/shaft
- Surface mount version
- RoHS compliant*

Applications

Level control, tuning and timer settings in:

- Audio-visual equipment
- Consumer electrical appliances
- Radios
- Musical instrumentation
- Communications equipment

Please visit the Bourns website at www.bourns.com for additional product details and contact Bourns Customer Service/Inside Sales if you have any questions.

Additional Information

DATA SHEET | PRODUCT SELECTOR | TECHNICAL LIBRARY | INVENTORY | SAMPLES | CONTACT

** RoHS Directive 2015/863, Mar 31, 2015 and Annex.*

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