

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China









Features

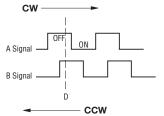
- Compact design, long life and high reliability
- Low cost compared to optical type encoders
- Incremental type
- Detent option



PES12 - 12 mm Shaftless Encoder

Electrical Characteristics	
Contact Rating	Quadrature 1 mA @ 5 VDC 10 megohms @ 50 VDC
Contact Bounce (60 RPM)	50 VAC minimum
Environmental Characteristics	
Rotational Life	-10 °C to +65 °C (-14 °F to +149 °F)
Mechanical Characteristics	
Running Torque Shaft Side Load (Static)	
How To Order	Quadrature Output Table
	PES12 - 4 0 S - N 0024

Model Terminal Configuration 4 = PC Horizontal/Rear Facing Detent Option 0 = No Detents 2 = 24 Detents Switch Configuration N = No Switch Resolution — 0024 = 24 Pulses per 360 ° Rotation



^{*}RoHS Directive 2002/95/EC Jan 27 2003 including Annex.
**Devices are tested using standard noise reduction filters. For optimum performance, designers should use noise reduction filters in their circuits. Specifications are subject to change without notice.

Applications

- Audio-visual equipment
- Consumer electric appliances
- Radios
- Musical instrumentation
- Communications equipment
- Home appliances

PES12 - 12 mm Shaftless Encoder

BOURNS®

Product Dimensions

