

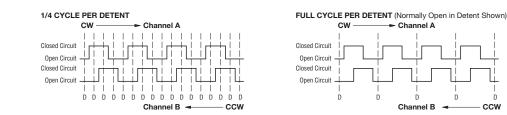
#### **Features**

- Incremental encoder / quadrature output
- Exceptionally long operating life
- Sturdy construction
- Bushing mount
- Available with PC board mounting bracket (optional)
- RoHS compliant\*

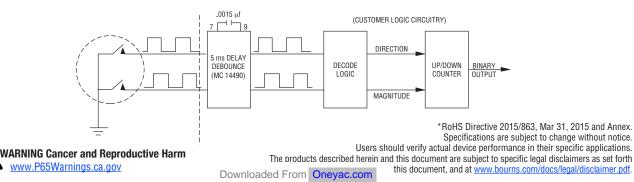
# ECW - Digital Contacting Encoder

Output	2-bit quadrature code, Channel A leads Channel B by 90 ° electrically turning clockwise (CW)
Dielectric Withstanding Voltage (MIL-STD-202 I	
	1.000 VAC minimum
	Continuous
RPM (Operating)	
Phase Tolerance (CH A to CH B)	
Environmental Characteristics	
Operating Temperature Range	40 °C to +85 °C (-40 °F to 185 °F)
	200.000 shaft revolutions
	IP 40
Mechanical Characteristics	
Mechanical Angle	
Soldering Condition	PC pin or solder lug
Mandal Coldoning	370 °C (700 °F) max. for 3 seconds
Wave Soldering	
-	260 °C (500 °F) max. for 5 seconds
Wash processes	
Marking	
HardwareOne lo	ockwasher and one mounting nut are shipped with each encoder, except where noted in the part number.

Quadrature Output Table - This table is intended to show available outputs as currently defined.



#### RECOMMENDED INCREMENTAL CONTROL DIAGRAM FOR USE WITH A DEBOUNCE CIRCUIT



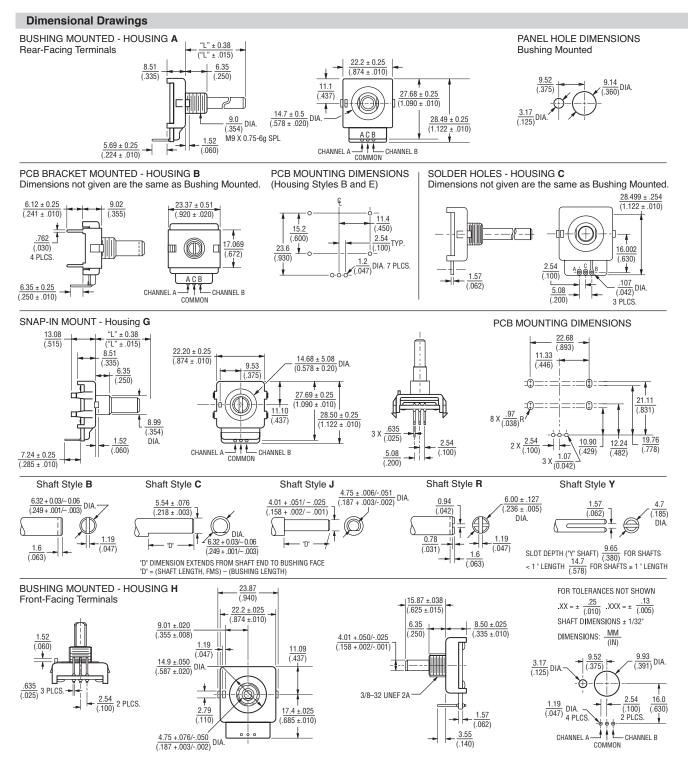
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D

ccw

## **ECW - Digital Contacting Encoder**

### BOURNS



Specifications are subject to change without notice.

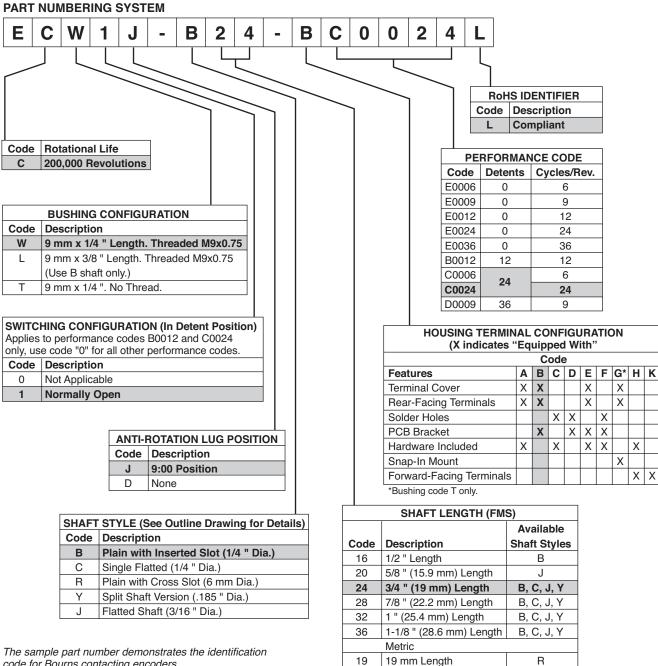
Users should verify actual device performance in their specific applications.

The products described herein and this document are subject to specific legal disclaimers as set forth on the last page of this document, and at www.bourns.com/docs/legal/disclaimer.pdf.

## **ECW - Digital Contacting Encoder**

## BOURNS

How to Order



code for Bourns contacting encoders.

Boldface features are Bourns standard options. All others are available with higher minimum order quantities.

#### REV. 04/15/20

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22

24

22 mm Length

24 mm Length

R

R

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