

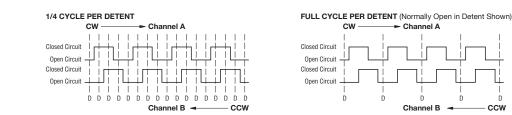
Features

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

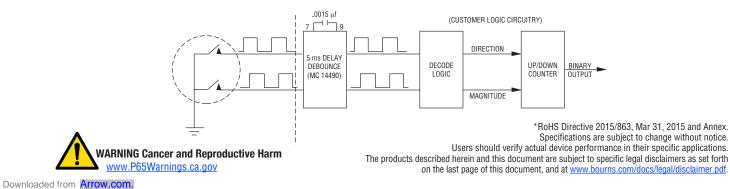
ECW - Digital Contacting Encoder

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



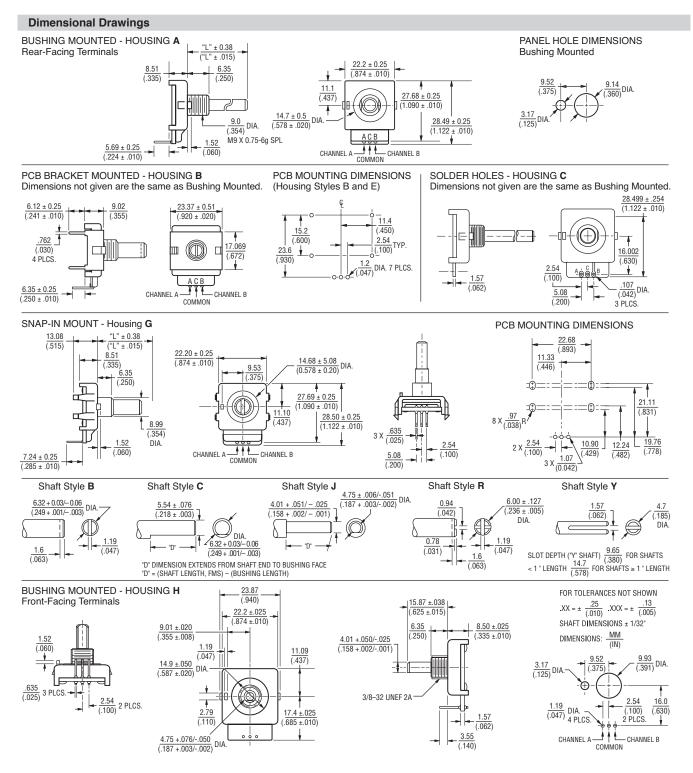
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ccw

ECW - Digital Contacting Encoder

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Users should verify actual device performance in their specific applications.

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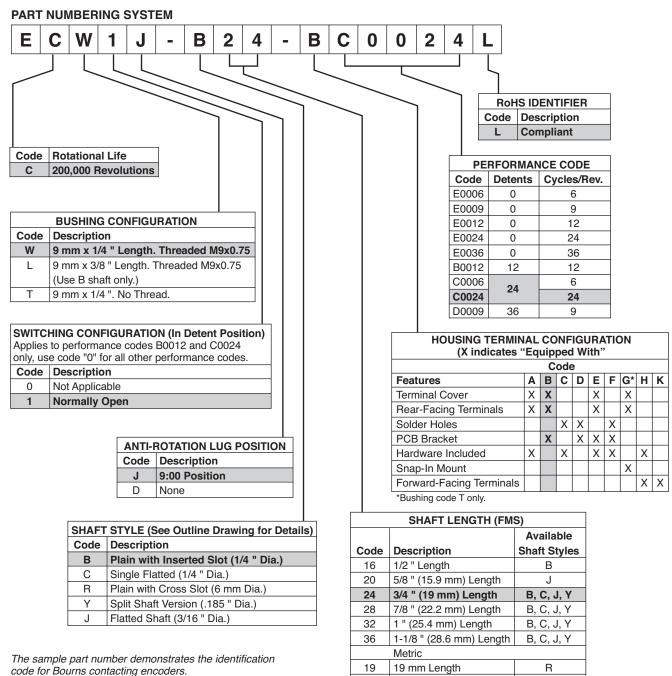
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How to Order



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

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