


Joral Devices Slide Show Presentation

JORAL
DEVICES

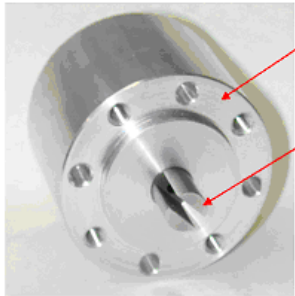
Joral Devices Encoders: **Rugged!**

Introduction to Joral Devices Rotary Encoders

Built to Last
Easy to Use
The Ideal Replacement
100% Tested, Made in USA

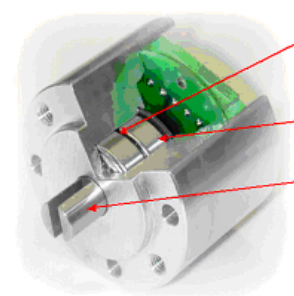


Joral Devices Encoders are Tough!



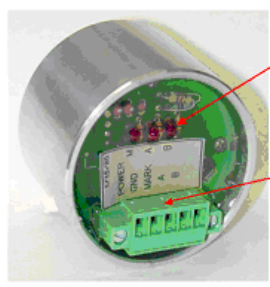
- Solid Aluminum Housing
- Stainless Steel Shaft

Joral Devices Encoders are Durable!



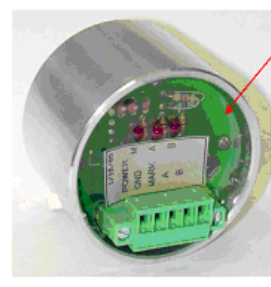
- Dual Ball-bearing Shaft Support
- Over-size Ball-bearings
- The Shaft is the **ONLY** moving part!

Joral Devices Encoders are Easy to Use!



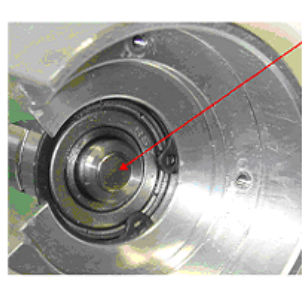
- Installation and Diagnostic LEDs
- Clearly Labeled Plug-able Connector

Joral Devices Encoders are Protected!



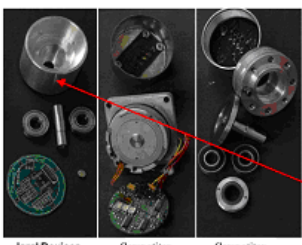
- Electronics is completely sealed
- -40C to +125C Temperature Limits
- Short-Circuit and Over-Temp Protected

Joral Devices Encoders use Hall Affect!



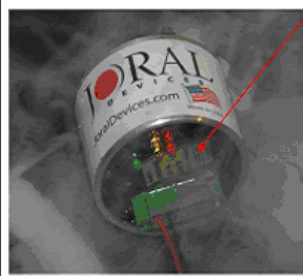
- Magnet is pressed directly into end of Shaft
- Magnetic Signal Processor provides accurate measurements

Joral Devices Design Uses Fewer Parts



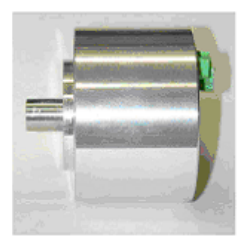
- Less Parts means Less Problems
- No mechanisms to break
- Machined Body for strength and precision

Joral Devices Encoders are Tested!



- Testing at -40 degrees C
- Testing at +125 degrees C

Joral Devices Encoders are Feature Rich!



- Quadrature, PWM, Step & Direction, and Analog Outputs
- Sink, Source or Auto-Sensing Drivers
- Absolute or Incremental

Joral Devices Encoders Made For You!



- We will design an Encoder to meet your specifications
- Little or No Design or Engineering Charges
- Send Us Your Requirements Today!

Thank You for Considering Joral Devices

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This slide show is available on the Joral Devices Web Site at www.JoralDevices.com

