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Dave Wilson, National Sales Manager  
Encoder Products Company  
800-366-5412, ext. 4711  
[davew@encoder.com](mailto:davew@encoder.com)

### **Absolute Thru-Bore Encoders Now Available with BiSS C or SSI**

**SAGLE, Idaho:** EPC's Model A36R absolute encoder is now available in a thinner, more compact 36 mm size with reflective sensor technology that allows for high accuracy and resolution. This encoder offers 22-bit single turn capacity for precise, high speed motion control applications and 24-bit multi-turn capacity for retained position data for over sixteen million revolutions. Designed for versatility, the Model A36R absolute encoder is available in thru-bore or blind hollow bore designs with multiple flex mount options.

"Our A36R thru-bore and hollow bore encoders feature high-accuracy and precision with rock solid reliability. The A36R also has the advantage of being available in both BiSS and SSI protocols," explains Tyler Preston, EPC A36R Project Engineer. "These encoders also feature the ability to safely recover from power failures without data loss, while still maintaining a small package size and maintenance-free nature. The low latency open source BiSS C protocol continues to gain value in the marketplace. We are pleased to add BiSS C as an additional communication protocol to our current comprehensive encoder product line."

#### **EPC's 36 mm A36R absolute encoders offer:**

- Compact 36 mm dia. and thin 1.0" depth
- Thru-bore or blind hollow bore with bore sizes up to 10 mm
- High-resolution 22-bit single turn/24-bit multi-turn
- BiSS C or SSI communication
- Superior accuracy, reflective technology
- Excellent shock and vibration ratings
- Differential signaling and twisted pair cable for excellent signal integrity over long runs
- Multiple flex mount options
- Up to IP64 sealing available for the blind hollow bore design
- Optional extended temperature range -40° to 120° C
- Customer-accessible NVM for nameplate data

Absolute encoders retain position information in the absence of power and eliminate the need for rehomming. An optional external battery or UPS-backed controller paired with the Model A36R's low power turns-counting sensor ensures reliable data retention for the life of the encoder.

#### **About Encoder Products Company:**

Encoder Products Company (EPC) is a leading designer and world-wide manufacturer of motion sensing devices. Established in 1969, EPC produces encoders and accessories at its global headquarters in Sagle, Idaho and operates facilities in the UK and China. EPC's versatile incremental and absolute rotary encoders are found in countless industrial and non-industrial applications. From the ocean floor to the factory floor, and even into space.

For more information visit [encoder.com](http://encoder.com)

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