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EPC ABSOLUTE ENCODERS NOW WITH PROFINET COMMUNICATIONS

EPC's Models A58HE and A58SE Now Offer PROFINET I-O (CC-C) Communication Protocol

SAGLE, Idaho: EPC [Model A58HE](#) and [Model A58SE](#) are Ethernet-ready, multi-turn absolute encoders designed for harsh factory and plant environments. In addition to EtherCAT® Deterministic Communication, the models A58HE and A58SE now offer PROFINET® communication protocol as well.

These encoders are particularly suited to applications where fieldbus connectivity is required, and the encoder has to retain absolute position information after power-off events. The Model A58HE is a 58 mm encoder in a blind hollow bore construction, and the Model A58SE is a 58 mm shaft encoder available with either a clamping flange or synchro flange, in both compact and heavy-duty configurations. The compact version is the most compact EtherCAT or PROFINET-capable encoder available.

PROFINET Communication Protocol

“Both the A58HE and A58SE encoders are easily designed into a wide variety of applications,” says Sarah Walter, electrical engineer and EPC Technical Applications Manager. “And with the new heavy-duty model and the new compact model – which is the most compact unit available on the market – they are incredibly versatile mechanically. What really sets our encoders apart, however, is the high accuracy. These absolutes will give you accurate motion feedback, every time.”

The Model A58HE and Model A58SE Absolute Encoders offer:

- EtherCAT Deterministic Communication or PROFINET Communication
- Multi-turn resolution up to 43 bits
- Single turn resolution up to 16 bits
- 58 mm diameter housing
- Bores sizes up to 0.375" or 15 mm
- Shaft diameters up to 0.375" or 12 mm
- Durable magnetic technology
- Proven turns counting technology with no gears or batteries
- Operating temperature range of -40° C to 85° C
- Sealing rating of IP65
- Continuous digital position monitoring
- Ability to retain absolute position after a power outage
- Meet CE/EMC Standards for Immunity and Emissions

The PROFINET option on the Model A58SE and Model A58HE will be available October 1.

About Encoder Products Company:

Encoder Products Company (EPC) is a leading designer and world-wide manufacturer of motion sensing devices. EPC began operations in 1969, producing a line of custom encoders from a small, home-based shop. Today, EPC is the largest privately-held encoder manufacturer in North America, producing a complete line of incremental and absolute rotary encoders and accessories in our 100,000 square foot, vertically-integrated facility in Idaho. For more information visit <http://encoder.com/>

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