

Absolute Motion Feedback with EPC's Bus Absolute Encoders

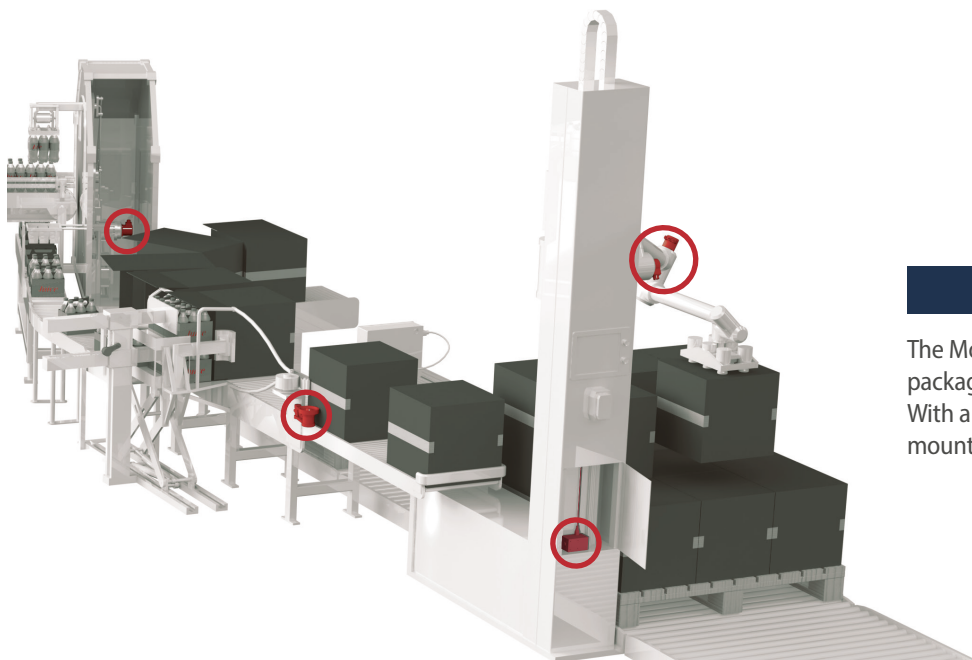
Single and Multi-Turn Absolute Encoders

EPC's absolute bus encoders offer either CANopen® or SSI communication protocols. Absolute encoders are especially suited for applications where position information must be retained after loss of system power. With size options including a compact 36 mm, a robust 58 mm, and a standard Size 25 (2.5"), and available in shaft or blind hollow bore, EPC has the absolute bus encoder that will work for you. These industrial absolute encoders offer:

- Single/multi-turn absolute encoder (up to 16 Bit ST / 43 Bit MT)
- CANopen® or SSI communication
- Maintenance-free and environmentally friendly magnetic design
- Energy harvesting magnetic multi-turn technology
- No gears or batteries
- Meet CE/EMC standards for immunity and emissions

SSI Synchronous Serial Interface

CANopen®



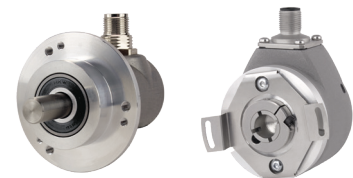
MODEL A36SB & A36HB

Available with a variety of configurations, the compact 36 mm Model A36SB and Model A36HB are easily designed into a variety of applications. The blind hollow bore Model A36HB offers a flex mount that eliminates couplings and is ideal for motors or shafts.



MODEL A58SB & A58HB

Highly configurable, the Model A58SB and Model A58HB offer a variety of mounting and connector types and sealing of IP67. These robust 58 mm encoders are ideal for rugged industrial applications.



MODEL A25SB

The Model A25SB comes in a standard Size 25 package (2.5" x 2.5") and offers sealing up to IP67. With a variety of shaft sizes and either servo or flange mounts, it also offers a proven double bearing design.



Absolute Motion Feedback with Ethernet-Ready Absolute Encoders

Ethernet Absolute Encoders

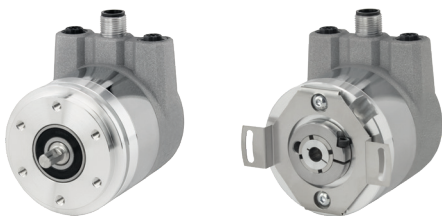
Easily designed into a wide variety of system applications, the Model A58SE (shaft) or Model A58HE (blind hollow bore) encoders plug directly into your network with minimal provisioning for rapid deployment, facilitating data exchange among myriad networked devices. These encoders retain absolute position information even after a power loss, facilitating speedy system recovery at start-up without the need for system re-homing.



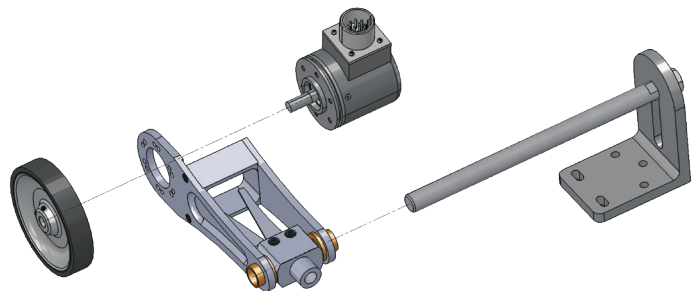
Coming Soon: **EtherNet/IP™**

MODEL A58SE & A58HE

- Single/multi-turn absolute encoder (up to 16 Bit ST / 43 Bit MT)
- Short cycle time
- Distributed clock mode
- 58 mm (2.28") diameter package available in shaft or blind hollow bore
- Ability to maintain position information without gears or batteries, using magnetic induction energy harvesting turns-counting technology

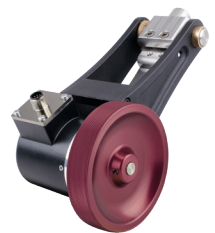


Linear Measurement Solutions with Absolute Feedback



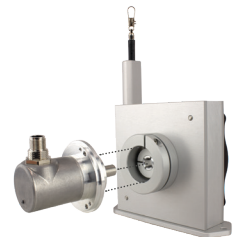
MODEL PLMS

With the Model PLMS, you can get absolute feedback with a measuring wheel with either the Ethernet-ready A58SE or the A25SB bus encoder.



MODEL LCX DRAW WIRE

The Model LCX draw wire solutions offer lengths up to 42.5 meters and absolute feedback with either the Ethernet-ready A58SE or the A58SB bus encoder.



Not sure which motion feedback is right for your application? Give us a call. When you call EPC, you talk to real engineers and encoder experts who can help you specify the right encoder solution for your motion control application. Call EPC today.

