

# Industrial Encoder Corporation

Manufacturers of Incremental & Absolute Encoders  
Member of **GES**group

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Industrial Encoder Corporation manufactures a wide variety of rugged, reliable, and cost effective optical encoders using the latest in technology. Encoders are available in Shaft or Hollow Shaft construction, Incremental, Absolute and Commutation type outputs, and a large selection of sizes.

The industrial market today requires high quality products at very low prices. Industrial Encoder Corporation (IEC) offers just that. The following is information about what IEC does to ensure a high quality product...you may wish to question our competition.

As a cost saving method, some encoder manufacturing companies perform random batch testing of outgoing products. IEC inspects ALL products 100% prior to shipping. This is the only way to ensure total quality and customer satisfaction. IEC's current failure rate is less than 0.001%.

IEC's paperless quality control system uses a digital storage oscilloscope with a PC interface. Every encoder is tested and inspected to ensure that it meets IEC's stringent standards. Once tested, a snapshot is saved of the waveforms of every encoder by serial number. The snapshot is stored in the QC file, which contains all the relevant information to identify that specific encoder and the original purchaser of the product. This allows IEC to monitor and track common repairs and faults, which gives them a mechanism to notify the customer if there is anything unusual detected.

Should a unit be returned for repair, the original QC files is recalled by serial number for comparison. In the event that an encoder is returned with the product label removed, the encoder can still be identified by the serial number stamp that is marked on the inside of the casing. These QC files are also available to the customer upon request.

## IEC Advantages:

- An exclusive patented floating shaft system designed to compensate for mounting angular misalignment (+/- 1.5 deg). This is especially critical for hollow shaft encoders where flexible couplings are not used.
- Before assembly, the housings are mated and machined for precise bearing alignment
- Push-Pull Line Driver output circuit design that allows 100% short circuit & reverse polarity protection
- 300 kHz frequency response
- Proven design -- IEC encoders are virtually bullet proof
- Plastic discs for high shock resistance
- CE approved
- **5 - Year Warranty**
- Very competitive prices

Industrial Encoder Corp. is a member of GES (Global Encoder Solution Group) which offers worldwide support for their products. Insist on a global solution for your next requirement.

