



INDUSTRIAL ENCODER CORPORATION

Member of the *GESgroup* of Companies

New Family of Industrial Optical and Magnetic Encoders



February 17, 2009

Industrial Encoder Corporation's new product line responds to customers that have requested an expansion of the product line to provide American style encoders for new design projects and replacement products. The new products incorporate design features of IEC's standard encoders which have earned wide respect in the industry. IEC's encoders always use unbreakable optical disks, have oversized bearings in a rugged bearing assembly that is highly tolerant of misalignments and overloading, with a conservative electronic design utilizing a modern custom ASIC. In addition, IEC machines all metal parts from billets, which produces very strong assemblies with precise fits and does not rely on castings which are known to fail at times in Heavy Duty Applications. The above features provide for, perhaps, the most reliable encoder product line suitable for industrial applications.

The new products include two hollow-shaft encoders: the IH635, 2.5" in diameter, and the IH965, 3.8" in diameter. Standard specifications are temperature range from -30°C to 100°C, sealing of IP65, and frequency response of 300 KHz. Specifications can often be expanded to meet customer requirements.

Also included are two shaft encoders: the IS635, 2.5" in diameter and the IS508, 2" in diameter, both having the same standard specifications as above. Specifications for the shafted encoders also can often be expanded to satisfy customer requirements

IEC's products include:

Incremental and Absolute Encoders, Optical and Magnetic
Industrial Ratings for Heavy Duty Applications
Option of IP67 sealing
Large Diameter Hollow Shaft Encoders with bores up to 65 mm.
Motor Mounting Friendly

IEC's products have been proven and used extensively in Robots, Cranes, Forestry, Oil and Gas, Machining, Elevator, Factory Automation and Food Processing, Material Handling, and Energy Production applications. IEC is also certified for selected UL standards and for Explosion Proof requirements.

IEC designs, manufactures, and markets Optical and Magnetic Encoders for demanding applications. For more information please visit www.globalencoders.ca or contact: Tony Petrecca at 888-277-6205 (tony.petrecca@globalencoder.ca).