



Rotary Encoder News, 1st of October 2008

[Industrial Encoder Corporation \(IEC\)](#), a worldwide acknowledged leader in the supply of Optical and Magnetic Encoders for demanding Industrial Applications, announces that Elevator manufacturers have installed over 20,000 IEC encoders within the past 10 years.

IEC's complete product line of Solid Shaft and Hollow Shaft encoders have always used



unbreakable optical disks or magnetic sensors for all applications, superior mechanical assemblies machined from solid Aluminum (Castings are never used) and a patented floating bearing assembly that is highly tolerant of misalignments and overloading, coupled with a conservative electronic design utilizing a modern custom ASIC, with 100% short circuit protection and reverse voltage protection. The Rotary Encoder Series IH103 and IH950 are the primary encoders requested by the elevator segment with shaft bore diameters ranging from 0.625 to 1.625". The IH950 and IH103 are available in any resolution up to a maximum of 50,000 ppr. Although most

customers require a straight through shaft, specific mounting requirements are frequently accommodated.

Options for the IH 103 include Heavy Duty Ratings, IP67 sealing, Stainless Steel Body, extended Temperature Range of -40° to $+100^{\circ}$ C , and Interface Protocols as required by our customer's Operating System. IEC's product line includes Incremental and Absolute Encoders from 1.1" to 5.8" in diameter and with shaft bores up to 4" in diameter. IEC's products have been proven and used extensively in Robots, Cranes, Forestry, Oil and Gas, Machining, Elevator, Factory Automation and Food Processing, and Energy Production applications. IEC is also certified to certain UL standards and for Explosion Proof requirements.

IEC designs, manufactures, and markets Optical and Magnetic Encoders for demanding applications.