



EX Zone1 Encoder, News of 11th of August 2008

Tony Petrecca, General Manager of Industrial Encoder Corporation, announces that "The IX700 Incremental Encoder and the AX700 Absolute Encoder have been widely adopted in hazardous duty applications and have demonstrated many competitive advantages in those applications."



The EX Encoder Series IX700 and the AX700 are certified to EEx d IIC T6 (Tamb +60°C) and EEx d IIC T4 (Tamb +100°). The certification permits use in Zone 1 (Division 2) applications and does not require an Intrinsic Safe Barrier for safe operation.

IEC's Explosion Proof Encoders are currently applied in:

- Petroleum Products Processing and Servicing,
- Explosive Liquid Environments (solvent refining, spray painting, other vapors),
- Printing Equipment,
- Cranes, and
- Marine Applications.

Competitive Advantages of IEC's Explosion Proof Encoders include:

- Unbreakable Optical Disks
- Machined Mechanical Parts from a Stainless Steel Bar (not cast) for integrity
- Superior Mechanical Assemblies tolerant of misalignments and overloading
- Modern ASIC design with 100% short circuit and reverse voltage protection
- IP66/67 Sealing
- 6,000 rpm standard maximum speed with higher speed as an option
- 300,000 Khz. Frequency Response

IEC designs, manufactures, and markets Optical Encoders for demanding applications. For more information regarding a specific application or the IEC competitive advantages, please contact either Tony Petrecca at 888-277-6205, or info.ca@globalencoder.com