

Encoder Technology

Press Release

For Immediate Release

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Cottonwood AZ, March 1, 2004

Linear Analog Modular Optical Encoders with 1.5 Micron Resolution

Encoder Technology, also known as Encodertech®, announces the immediate availability of a new line of linear analog optical encoder modules (LAM250) targeted for application in detecting and reporting precision linear movements. The LAM250 Linear Analog Module, when used together with the appropriate linear scale, analog signal processor, 16X interpolation chip, and 4X quadrature multiplication provides a TTL output capable of controlling systems with a resolution of 1.5 microns.

Many users and integrators of the LAM250 will interpolate to a greater degree and achieve higher resolution.

The LAM250 Module, priced at \$49.00 each in small quantities, when used with the Mylar linear scale and interpolation circuit, can be incorporated into a motion control system with considerable savings when compared to the cost of a traditional linear encoder.

The Linear Analog Modules are applied in positioning systems for medical instrumentation, packaging equipment, and material handling systems. In addition, the LAM250s are used in motion control systems as feedback for linear motor and short stroke linear actuator products.

The compact LAM design is based on Encoder Technology's proven technology in Phased Array Opto-Ic's, the basis for the line of very successful industrial encoders (HD20 and HD25), and the products which have become the new industry standard for meeting stringent oil field and wash down equipment requirements (S20 and S25).

Encoder Technology designs, produces and markets standard and custom Optical Encoders for use in benign environments, as well as Oil Exploration, Petroleum Processing, Heavy Rail, Wind Power, Food Processing, and other extreme duty and volatile applications including Marine, ATEX, and Intrinsically Safe requirements. Visit Encoder Technology on the Web at www.encodedtech.com.

