

FOR IMMEDIATE RELEASE, BI631
March 4, 2009



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Microprocessor-based design, DAPS technology provide increased design flexibility...

BI TECHNOLOGIES DEVELOPING ABSOLUTE ENCODER FOR ROBOTICS & INDUSTRIAL AUTOMATION APPLICATIONS

FULLERTON, CA (March 4, 2009) – Providing design engineers with a versatile control solution with extended life cycles, TT electronics BI Technologies is in the process of developing an absolute encoder utilizing its proprietary DAPS (Digital Angular Position Sensor) technology. Available with multiple output configurations, the encoder will feature 12-bit resolution over 360-degree rotation.

“While the encoder package is similar to industry standard HS35 devices, our new absolute encoder features a microprocessor-based design, providing users unparalleled design flexibility,” said Alain Leon, product marketing manager for BI Technologies. “Furthermore, our DAPS technology can provide extremely accurate position and speed information, and could allow customers to program the device’s zero-degree position (with serial I/O option) at the time of installation.”

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BI DEVELOPS ABSOLUTE ENCODER FOR ROBOTICS & INDUSTRIAL AUTOMATION APPS, PG. 2

Numerous output options, including multiple index points, custom coding, and software turns counters, are also available. The absolute encoder will feature a bearing life easily exceeding 1 billion revolutions, and is anticipated for use in industrial automation, heavy equipment, robotics and instrumentation applications.

BI Technologies will develop custom package sizes and configurations to meet specific customer requirements. Beta samples with limited options are currently available, and lead time for custom samples is 12 weeks.

For more information about BI Technologies' absolute encoder, contact BI Technologies at 714-447-2345, by fax at 714-388-0046; by mail at 4200 Bonita Place, Fullerton, CA 92835; or visit: http://www.bitechnologies.com/products/encoders_sg.htm.

BI Technologies has been an innovator and leader in electronic components for more than 50 years. The company is a global manufacturer of trimming and precision potentiometers, position sensors, turns-counting dials, chip resistor arrays, resistor networks, integrated passive networks, transformers, inductors, hybrid microelectronics and custom integration products for communication, computer, automotive and industrial applications.

BI Technologies serves a global customer base with manufacturing locations in the United States, Mexico, Scotland, Japan, China and Malaysia.

TT Electronics plc is a global electronics company manufacturing a broad range of advanced electronic components, assemblies and sensor modules for the automotive, industrial, telecommunication, computer and aerospace markets.

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To request the electronic image, call 919-872-8172, or e-mail: beth.gaddy@btbmarketing.com

Keywords: TT electronics, BI Technologies, absolute encoder, DAPS

URL: http://www.bitechnologies.com/products/encoders_sg.htm