

FOR IMMEDIATE RELEASE, BI467
April 17, 2007



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RoHS-compliant 24mm rotary pot meets stringent requirements of harsh environments...

BI TECHNOLOGIES DEVELOPS INDUSTRIAL GRADE PANEL POTENTIOMETER CAPABLE OF UP TO 2 MILLION LIFE CYCLES

FULLERTON, CA (April 17, 2007) – Providing design engineers with a robust rotary device designed to withstand harsh environments, TT electronics BI Technologies Electronic Components Division has developed a 24mm rotary potentiometer with a life cycle of up to 2 million rotations.

According to Barbara Wiesinger, director of product development for BI Technologies Electronic Components Division, the 24mm rotary potentiometers were originally offered with a rotational life of 10K to 100K cycles. “We enhanced the design by adding a CP element and improved contact spring, allowing for a more robust end product,” said Wiesinger. “The Model P232 potentiometer is also sealed to withstand harsh environments, allowing it to meet the most stringent life requirements, particularly those in industrial applications.”

Typical applications for the Model P232 potentiometer include joysticks, foot pedals, industrial controls, position sensors and board mounted panel controls.

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BI DEVELOPS INDUSTRIAL GRADE PANEL POTENTIOMETER, PG. 2

The Model P232 potentiometer features a resistance range of 1K Ω to 1M Ω and standard tolerance to $\pm 10\%$. Maximum input voltage is 200Vdc, with a dielectric strength of 500VAC. Operating temperature range is -10°C to +85°C. BI Technologies will also produce devices outside these specifications to meet customer requirements.

The RoHS-compliant rotary potentiometer features dual-gang availability along with both linear and audio tapers. BI will also develop gears, special shaft configurations or electrical outputs upon request.

Typical pricing for a standard Model P232 rotary potentiometer ranges from \$2.50 to \$4.00 depending on volume. Lead times are from stock to 5 weeks, with custom samples available in as few as 2 weeks.

For more information about BI Technologies' panel potentiometers, contact BI Technologies at 714-447-2518, by fax at 714-388-0046; by mail at 4200 Bonita Place, Fullerton, CA 92835; or visit: http://www.bitechnologies.com/products/panel_pots_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.

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

Keywords: TT electronics, BI Technologies, panel potentiometer, rotary, P232

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