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RoHS-compliant 27mm potentiometer features conductive plastic element...

BI TECHNOLOGIES DEVELOPS ROTARY POTENTIOMETER WITH 1 MILLION LIFE CYCLES FOR HEAVY DUTY APPLICATIONS

FULLERTON, CA (March 15, 2007) – Providing design engineers with a robust rotary device suitable for panel mount configurations, TT electronics BI Technologies Electronic Components Division has developed a 27mm rotary potentiometer. Designated the Model P270, the RoHS-compliant potentiometer features a life cycle of up to 1 million rotations.

“The Model P270 rotary potentiometer’s robust design allows it to be used in heavy duty applications,” said Barbara Wiesinger, Director of Product Development for BI Technologies Electronic Components Division. “The conductive plastic element’s extended life cycle and the availability of an optional sealed package make the device ideal for a variety of industrial applications.”

Existing design wins include joystick controllers for handicap power chairs and aerial lifts; industrial motor speed controllers; industrial welder power controllers; industrial foot switches and pedals; directional speed controllers for forklifts; and hydraulic valve controllers for heavy equipment.

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BI DEVELOPS ROTARY POTENTIOMETER FOR HEAVY DUTY APPS, PG. 2

The Model P270 panel potentiometers are offered with a dust proof option, as well as full seal, center tap, and dual gangs.

The Model P270 conductive plastic potentiometer features a resistance range of 1K Ω to 1M Ω and standard tolerance to $\pm 10\%$. Power ratings are 2W at 70°C, with a maximum input voltage of 500Vdc and dielectric strength of 1000VAC. Operating temperature range is -55°C to +120°C. BI Technologies will produce devices outside these specifications to meet customer requirements.

Typical pricing for a standard Model P270 rotary potentiometer is \$4.00 to \$6.00. Lead times are from stock to 5 weeks.

For more information about BI Technologies' panel potentiometer products, 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.

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

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