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Rotary potentiometers feature uniform detent torque, extended life cycles...

BI TECHNOLOGIES' PANEL POTENTIOMETERS PROVIDE "DOGGED" PERFORMANCE IN TRI- TRONICS[®] ELECTRONIC CANINE TRAINING REMOTE CONTROLS

FULLERTON, CA (October 10, 2008) – TT electronics BI Technologies, a leading manufacturer of electronic components, announces its robust Model P160 panel potentiometers have been implemented in Tri-Tronics[®], Inc.'s electronic dog training equipment. BI Technologies' RoHS-compliant rotary potentiometers have been specified for the Tri-Tronics Pro G3[®] Series e-collar remote control units, used by professional and amateur dog trainers.

"Tri-Tronics came to us with the challenge of outfitting their remote control units with a potentiometer that provided high uniform detent torque for each setting throughout the entire life cycle," said Alain Leon, variable products product marketing manager for BI Technologies.

"Through a special design of the standard Model P160 device, including custom housing and an internal detent mechanism, we are pleased to be able to provide Tri-Tronics with a solution that meets their application-specific needs."

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BI'S PANEL POTS PROVIDE "DOGGED" PERFORMANCE IN ELECTRONIC TRAINING CONTROLS, PG.2

"With a 5 to 8oz-in rotational torque for each detent position over 100,000 cycles, the Model P160 rotary potentiometers provided the ideal solution for our remote control e-collar units," said Dave Whetten, mechanical engineer for Tri-Tronics[®], Inc. "We received the first custom samples within 10 weeks, enabling us to efficiently implement the components into our devices."

The 16mm rotary potentiometers feature conductive plastic elements with metal bushings. Multi-ganged versions are also available. In addition to electronic dog training collars, the potentiometers are specified for use in electric guitar amp controls and foot pedal controls, and for other musical instrument accessory items.

The Model P160 rotary potentiometers feature a resistance range of 500Ω to 1MΩ and standard tolerance to ±20%. Maximum input voltage is 200VAC and dielectric strength is 500VAC. Operating temperature range is -20°C to +70°C. BI Technologies will produce devices outside these specifications to meet customer requirements.

Typical pricing for the Model P160 potentiometer ranges from \$0.25 to \$0.35 each for standard products (contact the factory for custom quotes). Standard samples are available within 2 to 4 weeks, and production lead time is from 4 to 6 weeks (8 to 10 weeks for custom devices).

Tri-Tronics[®], Inc. is a leading manufacturer of quality electronic dog training equipment. For more information, contact Tri-Tronics at 800-456-4343; by mail at P.O. Box 17660, Tucson, AZ 85731; or visit www.tritronics.com.

For more information about BI Technologies' Model P160 rotary potentiometer, contact BI Technologies at 714-447-2345, by fax at 714-388-0046; by mail at 4200 Bonita Place, Fullerton, CA 92835; or visit: www.bitechnologies.com/products/panel_pots_sg.htm.

BI'S PANEL POTS PROVIDE "DOGGED" PERFORMANCE IN ELECTRONIC TRAINING CONTROLS, PG.3

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