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*Microprocessor based linear position sensors provide cost-effective industrial automation upgrade...*

## **TEMPOSONICS<sup>®</sup> USERS UPGRADE TO NEXT GENERATION TECHNOLOGY – THE G-SERIES PRODUCT LINE**

CARY, N.C. (July 9, 2004) — Providing a cost-effective upgrade to its Temposonics<sup>®</sup> line of magnetostrictive position sensors, MTS Sensors announces that its new G-Series is backward compatible with existing L-Series and Tempo II Series sensors.

This enhanced line offers new features that will directly benefit existing customers in the wood, metals, plastics & rubber production industries, as well as the structural test and motion simulation market. Enhanced performance characteristics include programming & diagnostic features, increased shock & vibration resistance, reduced EMI interference and improved immunity to harsh environmental conditions.

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## TEMPOSONICS® USERS UPGRADE TO NEXT GENERATION TECHNOLOGY, PG.2

“Magnetostrictive sensors have a long history of success in these production and test industries,” said Temposonics Product Manager, David Edeal. “In addition to improved performance and enhanced functionality, the G-Series provides a ‘form-fit function’ replacement for current customers using legacy MTS sensors. Because of the cost-saving efforts of our engineering and production teams, we can offer this superior product for 10% less than the previous model, positioning the G-Series as the ideal retro-fit or new installation solution for rigorous and demanding production environments.”

“The G-Series sensors are completely compatible with our RMC family of motion controllers, as well as our legacy products,” said Bill Savela, Marketing Manager for DELTA Computer Systems. “Our evaluations and experience indicate that customers can easily perform replacement installations of the upgraded G-Series, while continuing to rely on MTS sensors in closed-loop servo applications.”

Backward compatible installation of the G-Series is simplified because of key similarities to previous MTS sensor lines. The G-Series operates on standard 24 VDC or optional 9-23 VDC input power supplies and offers an electronics housing installation envelope that easily fits into the Tempo II sensor. Voltage and current outputs are fully adjustable within  $\pm 10$  VDC and 0 to 20 mA (forward and reverse acting).

All outputs are available standard for stroke lengths up to 300" to accommodate previous sensor lines. In addition, several connector options are available to meet current termination methods including inline connections, adapter cables and field connector kits.

Further improving installation and set-up, the G-Series features external programmability so that there is no need to access the internal sensor electronics. LED and remote diagnostics provide sensor readings for settings, faults & output data and assist in troubleshooting and maintenance.

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## TEMPOSONICS® USERS UPGRADE TO NEXT GENERATION TECHNOLOGY, PG.3

For more information on the MTS Sensors Group and Temposonics G-Series Sensors, please contact: MTS Systems Corp., Sensors Division, 3001 Sheldon Drive, Cary, NC 27513. Phone: (919) 677-0100. E-mail: [displacement@mtssensors.com](mailto:displacement@mtssensors.com)

MTS Sensors is the world leader in magnetostrictive linear displacement technology. MTS Sensors is a global operation, with facilities in the U.S., Germany and Japan. In the U.S., the MTS Sensors Division has an ISO 9001 facility manufacturing rugged and reliable Temposonics position sensors as well as the highly repeatable and accurate Level Plus transmitters and gauges. With a strong commitment to research and development, product quality and customer service, the Sensors Division is constantly seeking ways to bring the highest value to customers.

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*To request the electronic image, call 919-872-8172, or e-mail [paige@btbmarketing.com](mailto:paige@btbmarketing.com)*

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