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FOR IMMEDIATE RELEASE
January 29, 2004 MT328



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Non-contact sensors ideal for fluid level or position measurement...

MAGNETOSTRICTIVE SENSORS NOW AVAILABLE FOR MEDICAL APPLICATIONS

CARY, N.C. (January 29, 2004) — MTS Sensors, the leader in magnetostriuctive sensing technology, announces the development of a new line of high volume, cost-effective sensors for the medical industry. Using advanced manufacturing techniques, MTS is able to provide the absolute position measurement and reliability of magnetostriction in a cost-effective package. The no-wear, non-contact technology is ideal for fluid level measurement and position measurement in medical applications and equipment including: infusion pumps, hospital beds, dental chairs, and assistive care or mobility equipment.

“MTS invented magnetostriuctive technology and it has proven to be the most accurate and reliable method for measurement, with reliability far exceeding that of potentiometers or other sensor technologies,” said MTS Commercial Products Manager Jesse Russell. “Now with our automated manufacturing processes, MTS is able to manufacture magnetostriuctive sensors for the medical industry in a cost-effective way.”

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MTS medical sensors provide long life reliability with no re-homing or re-calibration necessary, even in the event of a power failure. Sensors are available in a variety of outputs including analog and PWM, and are compatible with virtually all controller systems. Through automated assembly processes, these components are 100% quality tested and now available on-line at the MTS Store, <http://www.mtssensorsstore.com/shopping/>. MTS can also custom design sensors to suit specific applications.

MTS medical sensors measure in standard active stroke lengths of 72 to 250mm. Temperature acceptability ranges from 0°C to +85°C for an IP65 rated model and -40°C to +105°C for IP67.

For more information on MTS Sensors Group and Medical Sensors, please contact: Jesse Russell, MTS Sensors Division, 3001 Sheldon Drive, Cary, NC 27513. Phone: (919) 677-0100 or 1-800-761-9351. E-mail: jesse.russell@mts.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 QS9000 and ISO 9001 facilities 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 MTS sensors divisions is constantly seeking ways to bring the highest value to customers.

To request an electronic version of the embedded image, please call BtB Marketing Communications, 919-872-8172, or e-mail: jneagle@btbmarketing.com

Key Words: MTS, sensors, commercial, medical, magnetostrictive