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MTS SENSORS INTRODUCES COST-EFFICIENT CONTINUOUS POSITION FEEDBACK SENSOR

TEMPOSONICS® E-SERIES MODEL EH OFFERS MANUFACTURERS A LOWER-COST OPTION...

CARY, NC (March 16, 2011) - MTS Systems Corp., Sensors Division, will introduce the Temposonics® E-Series Model EH at CONEXPO-CON/AGG in Las Vegas next week. This newest addition to the Temposonic® E-Series product line was designed with an efficient, compact, rod-style package and has a lower manufacturing cost than high-end products for cost-sensitive applications where non-contact, continuous feedback is beneficial.

“Historically, magnetostrictive sensors have been more heavily adopted in advanced applications where high performance position feedback is required,” Matt Hankinson, Technical Marketing Manager, MTS Sensors, explained. “This product gives equipment manufacturers with cost-sensitive applications access to the technology. Leveraging decades of product development, our strong market leadership position and new manufacturing techniques, we have developed a magnetostrictive sensor that offers all of the technology advantages at a price point optimized for standard feedback applications.”

The Temposonics® E-Series Model EH features a stainless steel design with a compact, rugged, rod-style package with either a 7 or 10 mm rod. The housing, when used with a proper connector, is ideal for applications where high temperature resistance and high pressure washdowns are required and meets IP 69K standards.

Other features include:

- Widely available M12 connector cables.
- 0.005 mm resolution and repeatability, as well as 0.02% linearity deviation for defined stroke lengths between 50 mm and 2500 mm.
- Analog (voltage or current) and Start/Stop output.

Other products in the E-Series include the Model EL, a low profile version for space-critical applications, the Model ER, which features improved rod-and-cylinder housing with improved sealing and the Model EP, a profile version that now allows the magnet to travel over the sensor's head.

For more information about Temposonics linear-position sensors and liquid-level measurement, please contact: MTS Systems Corp., Sensors Division, 3001 Sheldon Drive, Cary, NC 27513. Phone: +1-919-677-0100, E-mail: sensorsinfo@mts.com or visit <http://www.mtssensors.com>.

MTS Sensors, a division of MTS Systems Corp., is the global leader in the development and production of magnetostrictive linear-position and liquid-level sensors. MTS' Sensors Division is continually developing new ways to apply Temposonics® magnetostrictive sensing technology to solve critical applications in a variety of markets worldwide. With facilities in the U.S., Germany, Japan and China, MTS Sensors Division is an ISO 9001 certified supplier committed to providing our customers with innovative sensing products that deliver reliable, cost-effective sensing solutions.