



**MTS Systems Corporation**  
Sensors Division  
3001 Sheldon Drive  
Cary, NC 27513  
Phone 919-677-0100, Fax 919-677-0200

**FOR IMMEDIATE RELEASE**  
**October 24, 2005 MT658**



*For More Information, Contact:*  
**Adrian Totten**  
**Marketing & Sales Manager**  
**919-677-2332**  
[adrian.totten@mts.com](mailto:adrian.totten@mts.com)

**Patricia Staino, BtB Marketing**  
**Public Relations Executive**  
**919-872-8172**  
[patricia@btbmarketing.com](mailto:patricia@btbmarketing.com)

*Linear position expertise applied to liquid level installations....*

## **MTS' NEW LEVEL SENSORS OFFER FASTER RESPONSE, OUTPUT OPTIONS**

CARY, N.C. (October 24, 2005) — MTS Systems Corp. Sensors Division has expanded its family of magnetostrictive level sensors by combining the MTS expertise in linear position measurement electronics with the application knowledge of thousands of liquid level installations around the world. These new level sensors provide faster response, a variety of output options, and the outer pipe and housing configurations of the company's standard liquid level M-Series.

“By marrying the functionality of both product areas, we can offer the benefits of various sensor families in one package,” said Adrian Totten, MTS Liquid Level Marketing & Sales Manager. “Accuracy, repeatability, and reliability of the MTS magnetostrictive measurement, based on patented Temposonics technology, are the foundations of the new MTS level sensors.”

- more -

## **MTS Introduces Level Sensor, Page 2**

Features of the new sensors include faster response for control, 3A (74-03) sanitary configurations, NEMA 4X- or IP68-rated housings, analog and digital output options, and level and interface measurement.

The new level sensors also provide remote programming and diagnostic capabilities, via serial communication over standard cabling, to simplify commissioning and trouble-shooting. Programming software is provided by MTS free of charge.

Compatibility with existing interface electronics is virtually guaranteed with the various outputs available including analog, digital pulse, high speed serial (SSI) and fieldbus outputs such as CANOpen, DeviceNet and Profibus.

The new level sensor is based on the proven technology behind popular MTS product lines. MTS Temposonics linear position sensors provide accurate, non-contact position sensing in a wide array of output configurations and application housing styles. Offering smart sensors with high resolution digitally based linear feedback, products with microprocessor intelligence, programming and diagnostics, as well as no-frills, low-cost sensing options, MTS' linear position sensors are ideal for today's advanced distributed control architectures.

- more -

### MTS INTRODUCES LEVEL SENSOR, PAGE 3

For more information on the MTS Sensors Group and level sensing, please contact: Adrian Totten, MTS Sensors Division, 3001 Sheldon Drive, Cary, NC 27513. Phone: (919) 677-2332. E-mail: [adrian.totten@mts.com](mailto:adrian.totten@mts.com) or visit [www.mtssensors.com](http://www.mtssensors.com).

MTS Sensors is the world leader in magnetostrictive 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 9001/2000 facility manufacturing rugged and reliable magnetostrictive position sensors, level sensors, and mobile equipment sensors utilizing patented Temposonics® technology. 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.

###