



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

**FOR IMMEDIATE RELEASE**

**July 2, 2003 MT327**



*CSPR Series, IP65 sensor used for depth measurement, ideal in water applications...*

*For More Information Contact:*

*Jesse Russell, MTS Systems Corp.  
Commercial Sensor Products  
919-677-0100  
[jesse.russell@mts.com](mailto:jesse.russell@mts.com)*

*Jeannine Neagle, BtB Marketing  
Public Relations Executive  
919-872-8172  
[jneagle@btbmarketing.com](mailto:jneagle@btbmarketing.com)*

## **MTS SENSORS OFFERS COMMERCIAL MAGNETOSTRICTIVE SENSOR FOR LIQUID LEVEL APPLICATIONS**

CARY, N.C. (July 2, 2003) — Expanding its magnetostrictive sensor application offerings, MTS Sensors provides the CSPR sensor for liquid level applications. The IP 65 or IP 67 rated devices provide a greater degree of intelligence to products that may have only used level switches in the past.

“These sensors can be linked with a machine’s control system to monitor and maintain a desired liquid level or to provide a programmable series of discrete level action points,” said Commercial Sensor Product Manager, Jesse Russell. “This is ideal for applications where engineers are looking for more flexibility and capability in design.”

-more-

## **MTS Offers Commercial Magnetostrictive Sensors for Liquid Level Applications, PG.2**

Available in a number of lengths, the CSPR sensor provides extremely accurate and repeatable level measurement up to 250 mm, empty to full. Consisting of a sensing element and electronics housing using a float containing a magnet, customers may install the small-size sensor with less or no impact on product design. Customers may also custom design the float to suit the specific application such as to bottom-of-tank measurement or to suit ultra-confined spaces.

The sensor may be used as an alternative to resistive float systems in a variety of applications such as medical, appliance, automotive or any application where level measurement is needed. MTS CSPR sensors are a low-cost option for low to moderate volume sensor applications offering the reliability and durability of magnetostrictive sensing.

Each sensor provides 0-5 VDC analog and PWM (pulse width modulated) outputs.

For more information the MTS CSPR level sensor, visit MTS Sensors Commercial web site at [www.mtscommercialsensors.com](http://www.mtscommercialsensors.com), or contact: Jesse Russell, MTS Sensors Group, Commercial Sensors at [jesse.russell@mts.com](mailto:jesse.russell@mts.com) or 3001 Sheldon Drive, Cary, NC 27513, call (800) 457-6620, (919) 677-2332 or fax (919) 677-2350.

MTS Systems Corporation is the world leader in magnetostrictive technology. MTS Systems Corporation 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 highly repeatable and accurate Level Plus transmitters as well as the rugged and reliable Temposonics position sensors. 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.

###

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

**Key Words: MTS, commercial, CSPR, level, liquid**