



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

IMMEDIATE RELEASE
November 26, 2007, MTS361



For More Information, Contact:
Lee Aiken
Product Marketing Manager
919-677-2373
lee.aiken@mts.com

Patricia Staino, BtB Marketing
PR Account Manager
919-872-8172
patricia@btbmarketing.com

Plug-and-play out of the box....

MTS SENSORS DEVELOPS MODBUS SIDE TANK INDICATOR FOR LIQUID-LEVEL SENSORS

CARY, N.C. (November 26, 2007) — MTS Systems Corp. Sensors Division has developed a new display meter to work with the Level Plus® MG transmitter with Modbus interface. The meter was developed as a Side Tank Indicator (STI) for storage tanks with the ability to interface via Modbus and display tank levels in feet, inches and 16ths of an inch. Plug-and-play out of the box, users can choose to have the meter display product only, product and temperature, or product, interface and temperature.

“This new meter provides our customers with a STI that is capable of communicating via Modbus, can display level to the 16th of an inch, and has an explosion proof housing,” said Lee Aiken, product marketing manager, MTS. “Combined with the accuracy of our magnetostrictive sensing technology, the model MG transmitter and Modbus STI is an ideal package for level applications that require local monitoring of high-value liquids, such as in petroleum tanks.”

The features of the Modbus STI include two relays (2A at 250 SPDT), a 4 to 20 mA output, 120/240 VAC input power, 24 Vdc to the gauge, and an optional explosion-proof housing. The display can show the measurement in feet, inches and to 1/16 an inch and temperature to one decimal point.

-more-

MTS SENSORS DEVELOP MODBUS STI FOR MG TRANSMITTER, P. 2

The model MG transmitter monitors the product, interface and temperature all from a single process opening. Every transmitter is intrinsically safe, approved, and can be ordered with an explosion-proof housing. The Modbus protocol also provides volume measurement with the usage of up to 100-point strapping table and temperature correction according to API standards with a direct connection.

The model MG digital transmitter satisfies the demand for a digital communication interface in the liquid-level marketplace for vessels from 508mm to 18,288mm in height. Ideal for process control, bulk storage, precision inventory control and product level, interface level and temperature monitoring, the model MG transmitter features surface-mount technology and a proprietary high-speed signal processing integrated circuit. In addition, the microprocessor firmware features a flexible command interface, high noise rejection capability, built-in test functions, and automatic data error checking.

Outputs from the model MG digital transmitter are communicated via a 4-wire multi-drop power and data bus, eliminating the requirements for individual cable runs from each tank. Serial asynchronous data formats (Modbus and MTS DDA) provide a direct interface to most types of computers and digital communication equipment.

For more information on the MTS Sensors Group and level sensing, please contact: Lee Aiken, MTS Sensors Division, 3001 Sheldon Drive, Cary, NC 27513. Phone: (919) 677-2373. E-mail: lee.aiken@mts.com or visit 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 Level Plus® liquid-level sensors. Based on MTS' patented Temposonics® technology, the Sensors Division is continually developing new ways to apply magnetostrictive sensing technology to solve critical applications in a variety of markets worldwide. With facilities in the U.S., Germany and Japan, MTS Sensors Division is an ISO 9001 certified supplier committed to providing innovative sensing solutions that deliver customers with reliable, cost effective sensing devices.

###