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Level Plus® transmitters provide continuous level measurement...

MTS SENSORS LEVEL PLUS® TRANSMITTERS PROVIDE ACCURACY IN SUMP APPLICATIONS

CARY, N.C. (October 14, 2008) -- MTS Systems Corp. Sensors Division's M-Series Level Plus® liquid-level transmitters are now being used in sump applications for numerous process industries such as Pharmaceutical, Chemical, Petrochemical and Oil & Gas. The M-Series transmitters provide accurate and continuous measurement that allows for more efficient removal and transportation of waste only when the tank is full by detecting the liquid level instead of the foam level. This capability helps eliminate damaging equipment by running pumps dry when the other level devices would output a level with only foam remaining causing damage to the pump. MTS liquid-level transmitters are designed for easy installation and low maintenance, and non-contact, liquid-level sensing is achieved with absolutely no wear to the sensing components.

“In automated applications, waste level measurement is crucial to eliminating a potential source of process downtime,” said Lee Aiken, product marketing manager, MTS Sensors. “If levels are not monitored accurately, waste materials can back up or overflow causing the process to shut down and damage to the equipment and the environment.”

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The M-Series transmitters are ideal for continuous or batch processes, providing product level, interface level, and temperature data all from one sensor, so there is no need for multiple openings at the top of the tank. Requiring no calibration for the life of the transmitter and maintaining accuracy regardless of temperature changes in the vessel, the magnetostrictive transmitter provides the most accurate and reliable measurements available.

The Level Plus M-Series line of liquid level transmitters includes the models MG, MR, MC420, and the USTDII. Each transmitter utilizes Temposonics® technology to provide superior accuracy despite changing environmental conditions such as pressure, temperature, gas layering, foam, or dielectric constant.

The MG and MR transmitters monitor the product, interface, and temperature all from a single process opening. Both are available in lengths up to 300 inches in a rigid stainless steel pipe or with 3A-approved sanitary pipes. They are also available in a stainless steel flexible hose, up to 480 inches long for the MR and up to 720 inches long for the MG.

The MC420 is an economical solution for customers needing a 4-20 mA analog transmitter with HART. The USTDII is targeted at the underground storage market with its ability to output product, interface, and temperature.

For more information on MTS Sensors 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 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.

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