



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

FOR IMMEDIATE RELEASE

October 21, 2003 MT459



For More Information Contact:

*Adrian Totten, MTS Systems Corp.
Level Plus Liquid Level Sensors
919-677-2332
adrian.totten@mts.com*

*Jeannine Neagle, BtB Marketing
Public Relations Executive
919-872-8172
jneagle@btbmarketing.com*

*ISA 2003
BOOTH #2723*

NEMA 4X rated housings ideal for pharmaceutical and food processing applications...

MTS LEVEL SENSORS MEETS CIP AND SIP SANITARY STANDARDS

CARY, N.C. (October 21, 2003) — MTS Sensors has developed a NEMA 4X rated liquid level sensor approved for clean-in-place (CIP) and sterilization-in-place (SIP) processes. Manufactured with an electropolished 316L stainless steel housing, the sensor is designed to withstand the harsh cleaning conditions often used in chemical, pharmaceutical and food processing applications. This robust housing enables the sensor to remain installed inside the tank during the CIP and SIP procedures without damage.

-more-

MTS LEVEL SENSORS MEETS CIP AND SIP SANITARY STANDARDS, PG.2

“It is widely known that magentostrictive level sensors offer the best reliability and accuracy in liquid level measurement,” said Liquid Level Product Manager, Adrian Totten. “But this rugged NEMA-rated sensor should ease the minds of engineers that are concerned about introducing instrumentation into a vessel for measurement. With this new housing, MTS sensors is able to meet the same cleanability standards as the tank itself with no damage to the sensor and no contamination risk to the next application.”

In addition to the electropolished stainless steel materials, all welds meet ASME 3A standards ensuring that no crevices or porous surfaces are exposed to processing liquids. The sensor provides a tri-clamp construction for a secure housing seal, which enables the quick removal of the sensing element for replacement or sanitary cleaning.

During CIP cleaning, the MTS sensor pipe and electronics head may remain installed within the processing tank. Because of the NEMA 4X rating, the sensor is protected against detergent washdown and other rigorous CIP processes.

During the more stringent SIP process, the sensor pipe and housing are rated to withstand temperatures of up to 121°C at 15PSIG and may remain installed in the tank. However, the electronics and inner sensing element must be removed via the tri-clamp head and reinserted after sterilization.

In addition to cleaning processes, MTS level sensors are ideal for measuring water-for-injection (WFI) application further enhancing return-on-investment.

For more information on free MTS NEMA 4X Sanitary level sensor, visit the MTS Sensors Level Plus at WWW.MTSLEVELSENSORS.COM or contact: Adrian Totten, MTS Sensors Group, Level Plus Liquid Level Sensors at adrian.totten@mts.com or 3001 Sheldon Drive, Cary, NC 27513, call (800) 457-6620, (919) 677-2332 or fax (919) 677-2350.

-more-

MTS LEVEL SENSORS MEETS CIP AND SIP SANITARY STANDARDS, PG.3

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

Key Words: MTS, level, liquid, NEMA, sanitary