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**FOR IMMEDIATE RELEASE**  
**April 5, 2018 - MTS-651**

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**Tank SLAYER®** | **RefineME®** | **SoCLEAN®** | **CHAMBERED**



## **MTS Certifies LP-Series Liquid Level Transmitters for Explosion Proof and Flame Proof**

CARY, N.C. (April 5, 2018) – MTS Sensors, a division of MTS Systems Corporation (NASDAQ:MTSC), announces the expansion of the LP-Series, the next generation of its Level Plus® liquid level transmitters, to include hazardous area approval for explosion proof and flame proof protection methods. The new LP-Series features Tank Slayer®, RefineME®, CHAMBERED and SoClean® models, based on MTS Sensors' proprietary Temposonics® magnetostrictive sensing technology. The LP-Series targets hazardous area applications in the oil and gas, chemical and mining industries as well as sanitary applications in the food and beverage, and pharmaceutical industries. All models in this series feature an integral display can be ordered with either Intrinsic Safety, Explosion Proof or Flame Proof approval under NEC, CEC, ATEX, or IECEx.

Designed for use in aboveground bulk storage tanks, the Level Plus Tank Slayer features 3-IN-1 measurement of the product level, interface level and temperature. The analog output features a single temperature point for indication, whereas the existing Modbus output offers up to 16 temperature points. Tank Slayer's  $\pm 1$  mm inherent accuracy makes it highly suitable for monitoring inventory levels of refined fuels, crude oil, fuel oil, ethanol and other valuable liquids. Tank Slayer is equipped with a flexible hose that is available for tank heights up to 22m (72.2ft.).

Tank Slayer is complemented by the Level Plus RefineME level transmitter aimed at shorter process tanks in oil refineries, chemical plants and mines. RefineME has the same 3-IN-1 measurement capability but offers a wider variety of process connections, such as ANSI and DIN flanges, as well as wetted parts including stainless steel, Hastelloy C and Teflon. An extensive offering of mechanical packages enables this device to be used in numerous applications from reactors and alkylation tanks to additive storage tanks and sump level monitoring. RefineME is equipped with a rigid pipe for tank heights up to 7.6m (25ft.).

The Level Plus CHAMBERED is especially optimized for incorporation into magnetic level gauge (MLG) systems, such as those found throughout refineries, chemical plants and boilers. The transmitter is mounted externally to the MLG to provide remote feedback in addition to the local visual measurement. CHAMBERED is compatible with most MLG manufacturers' chambers currently on the market.

SoClean liquid level transmitters are targeted at sanitary industries including Food and Beverage, and Pharmaceuticals. SoClean offers sanitary process connections with variable size tri-clamps, as well as four different mechanical end plugs to fit individual customer needs. MTS liquid level transmitters are suitable for cleaning via steam-in-place (SIP) or clean-in-place (CIP) processes. SoClean is offered with stainless steel and electropolished stainless steel wetted parts.

MTS Sensors liquid level transmitters present customers with a 'set it and forget it' solution. Once installed and calibrated there is no requirement for scheduled maintenance or recalibration work to be carried out. As a result operating costs can be significantly reduced.

For more information, please contact: MTS Systems Corp, Sensors Division, 3001 Sheldon Drive, Cary, NC 27513. Phone: (919) 677-0100. E-mail: [info.us@mtssensors.com](mailto:info.us@mtssensors.com) or visit their website at [www.mtssensors.com](http://www.mtssensors.com).

## **ABOUT MTS SENSORS**

MTS Sensors, a division of MTS Systems Corporation (NASDAQ: MTSC), is the pioneer of Temposonics® magnetostrictive technology and a worldwide manufacturer of non-contact linear position sensors and liquid level transmitters that enable reliable feedback control for automation and safety applications. In July 2016, MTS Systems Corporation (Eden Prairie, MN, USA) acquired PCB Piezotronics, Inc. (Depew, NY, USA), vastly expanding the range of products and solutions of MTS Sensors. PCB® is a designer, manufacturer, and global supplier of accelerometers, microphones, force, torque, load, strain, and pressure sensors, as well as the pioneer of ICP® technology (Integrated Circuit Piezoelectric). In addition to enhanced product portfolio, the combination of two organizations increases research, development and production capabilities worldwide. Temposonics® and PCB® sensors are used in research/development and machinery health monitoring applications, off-highway equipment, liquid level measurement and other industries to improve product performance and reduce operational downtime.

Visit MTS Sensors at [www.mtssensors.com](http://www.mtssensors.com) and PCB Piezotronics, Inc. at [www.pcb.com](http://www.pcb.com). Additional information on MTS can be found at [www.mts.com](http://www.mts.com).