

**FOR IMMEDIATE RELEASE**  
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## **Innovative Design Improves Field Serviceability of Mobile Hydraulic Position Sensors**

Cary, N.C. (July 28, 2016) - Cary, NC - MTS Sensors, a division of MTS Systems Corporation (NASDAQ:MTSC), has expanded its widely used MH Series of magnetostrictive linear position sensors by introducing the field-serviceable Flexible MH (FMH). Designed for use with hydraulic cylinders in mobile applications, the externally threaded FMH sensor features an innovative two-part design. This design allows users to separate the flexible sensing element and electronics from the housing without opening the hydraulic system.

“While it is manageable to install and remove hydraulic cylinder sensors at a manufacturing facility, it can be extremely challenging in the field. This sensor addresses that challenge. Trained service technicians can remove and replace the internal components with just 200mm of clearance, regardless of stroke length and without breaking the hydraulic seal. This serviceability means decreased downtime and disruption, providing increased productivity,” states Luka Korzeniowski, MTS Sensors’ Global Market Segment Leader for Mobile Hydraulics.

The FMH uses MTS Sensors’ proprietary Temposonics® magnetostrictive technology to deliver high performance operation, with a  $\pm 0.2$ mm typical resolution, repeatability of  $\pm 0.005\%$  (full scale) and a  $\pm 0.04\%$  linearity (full scale). Available with Analog or CANbus output options, the FMH supports stroke lengths of 500mm to 5000mm. Replacement units ship as coiled rings to ease handling and reduce shipping costs.

## **ABOUT MTS SENSORS**

MTS Sensors is a global leader in sensing technologies and solutions that enable feedback control for automation and safety applications. MTS Sensors, a division of MTS Systems Corporation, serves its global customers with a focus on regional support to provide innovative and reliable sensing solutions. Through its research, development and production of sensing technologies, MTS creates solutions that serve industrial manufacturing, off-highway equipment, liquid level measurement and many other markets. With a diverse and constantly expanding product portfolio, the company is continually working with customers to improve performance and reduce downtime in their operations.