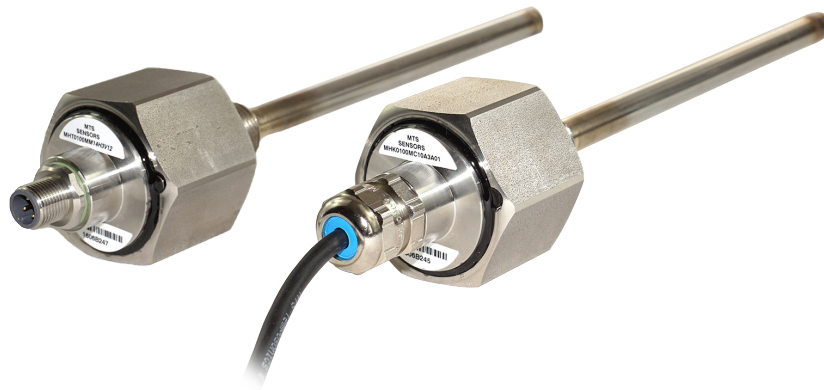




MTS Systems Corporation
Sensors Division
3001 Sheldon Drive
Cary, NC 27513
Phone: +1-919-677-0100 / Fax: +1-919-677-2343

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For More Information, Contact:
Luka Korzeniowski
MTS Sensors Division
Global Market Segment Leader
Tel: +1-919-677-2370
e-mail: luka.k@mts.com
<http://www.mtssensors.com>



MTS Announces Threaded Version of Analog Output Magnetostrictive Sensor for Mobile Applications

CARY, N.C. (January 31, 2017) — MTS Sensors, a division of MTS Systems Corporation (NASDAQ:MTSC), has expanded its widely-used MH Series of magnetostrictive linear position sensors by introducing a threaded flange option. The MH-Threaded sensor is optimized for mobile applications such as crane outriggers, as well as tank level measurement.

The sensor has a highly robust stainless steel housing and is water- and dustproof according to IP69K. It delivers high performance operation, with a 0.1mm typical resolution, repeatability of 0.1mm and a 0.04% linearity (full scale). Stroke lengths of up to 2500mm are supported. The sensor rod is available in 7mm and 10mm diameters. The operational temperature range supported spans is from -40°C to + 85°C.

“Our MH Series sensors are able to offer a more robust alternative to contact-based linear sensors such as potentiometers - thereby prolonging the working lifespan,” states Luka Korzeniowski, MTS Sensors’ Global Market Segment Leader. The threaded mounting design allows an alternative integration method while still providing the benefits of Temposonics® position sensing. “The design is able to withstand harsh external environments”, says Luka Korzeniowski.

The proprietary Temposonics® magnetostrictive technology utilized by MH-Series sensors means that these devices are not vulnerable to vibration, shock, dust and electro-magnetic interference. As a result they can be deployed in the most difficult of application settings - maintaining elevated levels of accuracy without risk of downtime or subsequent loss of productivity being witnessed.

For more information, please contact: MTS Systems Corp, Sensors Division, 3001 Sheldon Drive, Cary, NC 27513. Phone: (919) 677-0100. E-mail: sensorsinfo@mts.com or visit our web site at www.mtssensors.com.

ABOUT MTS SENSORS

MTS Sensors is recognized as an industry leader in sensing technologies and solutions. These sensors permit high-precision and dynamic position and/or speed measurement in state-of-the-art automation and safety-relevant applications. With a versatile and ever increasing product portfolio, MTS Sensors cooperates closely with customers, to optimize performance and reduce downtimes. Outstanding quality associated with practical know-how ensures that customers achieve utmost productivity and success. Continuous research, development and production of sensor systems constantly enable new solutions for measuring tasks in the industrial, mobile hydraulics as well as process technology fields to be created. MTS Sensors, a division of MTS Systems Corporation (NASDAQ:MTSC), serves its global customers with a focus on superior regional support.