



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

IMMEDIATE RELEASE

October 16th, 2008 *MTS594*



For More Information, Contact:

Brian Cox

Technical Marketing Manager

919-677-2355

brian.cox@mts.com

Patricia Staino, BtB Marketing

Public Relations Executive

919-872-8172

patricia@btbmarketing.com

Connector system eliminates mis-wiring in cylinder/sensor assembly...

MTS INTEGRATES CONNECTOR SYSTEM WITH SMALLEST MOBILE HYDRAULIC SENSOR

CARY, NC – (October 16, 2008) — MTS Systems Corp., Sensors Division has integrated its successful M12 integrated connector system with its smallest mobile hydraulic sensor. The M12 integrated connector system can be flush-mounted on the side of cylinders containing the Temposonics® Model MS linear-position sensor.

“The combination of these two products provides our customers with a sensor that is smaller and more compact as well as easier to install,” said Brian Cox, technical marketing manager for MTS Sensors. “No more pins to crimp on ends of wires, no more loose connector pins, no more wires to solder, and no chance of mis-wiring the connector for the cylinder manufacturers.”

This connector design, based on an industry standard M12 interface, allows for a small contact carrier insert to be pre-assembled to the Temposonics® M-Series sensor at the factory. The insert has all of the pins pre-inserted and maintains their proper orientation. The insert is small enough to fit through the cylinder and can be joined with the outer metal housing after it has been pulled through the sensor wire opening on the

cylinder. Once the contact carrier insert is fed through the cylinder it is snapped into place in the outer housing and then the entire assembly is mounted to the exterior of the cylinder with four hex screws.

The MS sensor is an absolute, non-contact linear-position sensor in a compact 28mm design. With 100g shock and 15g vibration rating, the MS sensor was designed for harsh environments, especially those typically encountered in construction, agriculture, and other off-highway machinery. Along with high shock and vibration ratings, the sensor has 100V/m EMI protection. The MS sensor provides a measuring range of 50 – 2000mm (2 - 78in).

For more information on the MTS Sensors Group and mobile hydraulic position sensing, please contact: Brian Cox, MTS Sensors Division, 3001 Sheldon Drive, Cary, NC 27513; call (919) 677-0100; email brian.cox@mts.com ; or visit www.mtssensors.com.

MTS Systems Corporation is the world leader in magnetostrictive linear-position and liquid-level sensor 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 rugged and reliable liquid-level and linear-position sensors based on patented MTS Temposonics® technology. 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.