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*Flexible pipe provides easier shipping, more options for installation...*

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## **MTS SENSORS' RF SERIES LINEAR-POSITION SENSORS NOW AVAILABLE IN FLEX PIPE UP TO 20 METERS**

CARY, N.C. (August 17, 2010) –MTS Systems Corp. Sensors Division has expanded its R-Series linear-position sensors product line by doubling the available length for the flexible pipe version. The absolute, non-contact Temposonics® Model RF position sensor now facilitates installation in tight spaces with lengthy measuring ranges up to 20 meters. The sensors can operate in a curved position to detect curvilinear measurements at a minimum radius of 200 mm.

“The Model RF sensor can easily be installed or dismantled, even when the space around the machine is limited, such as when the installation is within an enclosed space,” said Matt Hankinson, technical marketing manager, MTS Sensors. “A flexible sensor that provides proven non-contact and trouble-free performance for very long stroke lengths as well as linear measurements on an arc increases the versatility in applications of the entire sensor line.”

The sensor is ideal for applications including stamping and forming presses (due to limited installation room under the press), dam gate cylinders (where replacement in the field is difficult), windmills (with a small installation envelope), and multiple-tool position sensing for continuous feed machines such as slitters, large routers and punch presses.

Even at long measuring distances, the high-performance electronics inside the sensor head provide accurate sensing results. With a 0.0025 mm repeatability, and a linearity deviation of  $< \pm 0.02$  % F.S., the sensor detects the smallest movements. A variety of output options are also available for the Model RF sensor, along with numerous interfaces (Analog, SSI, CANbus, Profibus-DP, EtherCAT, and POWERLINK). If more than one position value needs to be monitored, the Model RF can perform up to 30 independent displacement measurements (or 5 displacements and 5 velocity measurements) with a single sensor.

For more information about Temposonics linear-position sensors and liquid-level measurement, please contact: MTS Systems Corp., Sensors Division, 3001 Sheldon Drive, Cary, NC 27513. Phone: +1-919-677-0100, E-mail: [sensorsinfo@mts.com](mailto:sensorsinfo@mts.com) or visit <http://www.mtssensors.com>.

MTS Sensors, a division of MTS Systems Corp., is the global leader in the development and production of magnetostrictive linear-position and liquid-level sensors. MTS' Sensors Division is continually developing new ways to apply Temposonics® magnetostrictive sensing technology to solve critical applications in a variety of markets worldwide. With facilities in the U.S., Germany, Japan and China, MTS Sensors Division is an ISO 9001 certified supplier committed to providing our customers with innovative sensing products that deliver reliable, cost-effective sensing solutions.