



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

FOR IMMEDIATE RELEASE
January 18, 2006, MT798



For More Information Contact:
Jesse Russell, MTS Temposonics
Commercial Product Marketing
Manager
919-677-0100
jesse.russell@mts.com

Patricia Staino, BtB Marketing
PR Executive
919-872-8172
patricia@btbmarketing.com

Core sensor technology advancements ideal for light industrial and commercial markets...

FLEXIBLE C-SERIES SENSOR FROM MTS PROVIDES CURVILINEAR MEASUREMENT

CARY, N.C (January 18, 2006) — MTS Systems Corp. Sensors Division has enhanced its C-Series sensor to provide precise curvilinear measurements in relevant applications. Featuring a new face and side sealing on the core plastic housing, the Flexible C-Series provides a greater versatility in installation options such as rotating shafts, balances, steering assemblies and other applications where less than 270 degrees of rotation needs to be monitored.

“Previously, magnetostrictive sensors did not meet the size requirements of many light-industrial and commercial applications,” said Jesse Russell, MTS Temposonics Commercial Product Marketing Manager. “The C-Series sensor is the smallest magnetostrictive position sensor available. In addition to being in a package specifically designed and priced to fit commercial and light-industrial applications, the flexible shaft allows further installation in applications where curvilinear measurement is required.”

The C-Series’ modular architecture is built upon a base Core sensor to which additional application-specific features can be added as dictated by the application. This allows customers to avoid costs that are unnecessary for their application, while also allowing them to integrate the sensor completely into their specific product packaging.

FLEXIBLE C-SERIES SENSOR FROM MTS PROVIDES CURVILINEAR MEASUREMENT, P 2

When more robust environmental protection is required by the application, the modular design of the C-Series sensor allows for the addition of standardized IP67 rated packaging that effectively houses the Core sensor. The IP67 housing also allows for a larger measurement range for liquid-level applications when using the standard stainless steel float. This housing can also be curved to fit special application needs.

The C-Series Core sensor has an optional 5 and 12 volt supply module that allows the system to support changing supply requirements within a given application with a single part number.

“The compact size and optimized cost of the C-Series Core sensor makes it an ideal choice to replace older technology sensors, such as linear potentiometers and LVDTs,” said Jesse Russell, Commercial Product Marketing Manager, MTS Sensors Division. “The C-Series sensor brings immediate benefits to the customer, including lower costs due to the elimination of expensive signal conditioning and higher reliability due to the non-contact nature of magnetostrictive sensor technology.”

The flexible C-Series modular magnetostrictive sensor is ideal for embedding into applications such as medical systems, professional tools and recreational equipment.

MTS offers free installation support and magnetics evaluation is available to ensure a robust system.

For more information about the C-Series sensors, contact Jesse Russell, MTS Sensors Division, at 919-677-2314, jesse.russell@mts.com or via the Web at 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 Temposonics position and liquid-level sensors. 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.

###

To request the electronic image, call 919-872-8172, or e-mail patricia@btbmarketing.com