



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

FOR IMMEDIATE RELEASE
March 22 2007. MTS126



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

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

C-Series sensor is durable and versatile...

DEMAND FOR MTS C-SERIES SENSOR GROWS IN RECREATIONAL VEHICLE APPLICATIONS

CARY, N.C. (March 22, 2007) — MTS Sensors has developed a C-Series linear-position sensor that is ideal for recreational vehicle applications, such as marine vehicles, snowmobiles and motor homes, where size, cost and durability are factors. Based on proven Temposonics® technology, the C-Series sensor replaces older technology sensors such as linear potentiometers and LVDTs with reliable, non-contact position-feedback sensors. Key applications include steer-by-wire, trim tab control and seat damping in marine vehicles and leveling and camper bump outs on RVs, as well as holding tank level measurement.

“The benefits to the customer are immediate, including lower cost due to the elimination of expensive signal conditioning and higher reliability due to the non-contact nature of magnetostrictive sensor technology,” said Jesse Russell, MTS Commercial Products Marketing Manager. “The C-Series technology and durability are a good fit for the high reliability expectations of the recreational product industry due to its automotive heritage.”

Designed as the world’s smallest magnetostrictive linear position sensor, the C-Series is built upon a base Core sensor, to which application-specific modifications can be added.

MTS' C-SERIES SENSOR IDEAL FOR RECREATIONAL APPLICATIONS, PAGE 2

For example, a three-wire option that replaces the integrated connector with three discrete wires allows sealing against the wire insulation instead of a cable jacket providing a water-tight method of sealing of the electronics housing. 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 C-Series Core sensor has a 0 to 5Vdc or PWM output available, and can be powered with a standard 5 Volt power supply. In addition, the modular architecture allows the addition of a second electronics board that configures the sensor to operate using 12- or 24-volt power and also adds additional protection circuitry for EMI immunity. The optional board was designed to optimize the C-Series sensor performance in many mobile machine applications, including agricultural, marine and construction equipment.

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

###

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