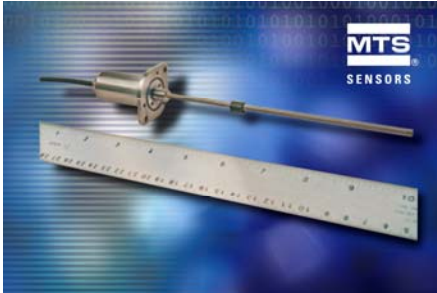




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Housing option offers flexibility for low- to medium-volume applications...

MTS OFFERS IP67 HOUSING FOR WORLD'S SMALLEST MAGNETOSTRICTIVE SENSOR

CARY, N.C (May 5, 2005) — MTS Sensors introduces new IP67 housing options for the C-Series modular linear-position sensor. The IP67 housing is ideal for applications subjected to dust, moisture and other environmental conditions that can interfere with operation. Particularly well suited for small- to mid-volume applications where an embedded design using the C-Series core sensor may not be feasible, the C-Series housing options allow the sensor to be safely and securely installed externally onto a product with limited design modifications for even the most robust applications.

The Temposonics[®] C-Series sensor incorporates the latest in magnetostrictive sensor technology to produce the world's smallest magnetostrictive position sensor. Designed for use in OEM products, such as medical devices, small cutting/fastening/forming tools, and various consumer products, the C-Series sensor electronics fit completely inside a 36 mm (1.4 in) by 23 mm (0.91 in) cylindrical housing package, such as the new IP67 housing option from MTS.

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“The compact size and new housing options provide a greater range of installation choices, making the C-Series an ideal choice to replace older technology sensors, such as linear potentiometers and LVDTs,” said Jesse Russell, Product Marketing Manager, MTS Sensors Division. “While many high-volume OEMs will design the C-Series into their application housings, the availability of housing options, such as the new IP67 option, makes the C-Series a more viable option for many small- to mid-volume applications for which redesign for embedded installations may otherwise be too costly.”

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. The modular architecture allows the addition of a second electronics board that configures the sensor to operate using 12-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 as well as other applications with 12-volt supplies.

For more information about the C-Series sensor and its housing options, 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.

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