



## New Product Announcement For Immediate Release

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## Sherborne Sensors Announces North American Market Debut of the LSI Series *Rugged, Precision Servo Inclinometer Family Withstands Severe Shock and Vibration*

**January 28, 2010** - Sherborne Sensors ([www.sherbornesensors.com](http://www.sherbornesensors.com)), a global leader in the design, manufacture and supply of inclinometers, accelerometers, force transducers, load cells, rotary encoders, instrumentation and accessories for industrial, military and aerospace customers, has announced the North American market introduction of the LSI series, a family of cost-effective, rugged, closed loop gravity referenced servo inclinometers. The LSI series is specially designed to withstand severe shock and vibration inputs, for precision measurement capabilities in even the most demanding environments.

The LSI series inclinometers incorporate a unique, flexure-supported torque balancing system, which is rugged enough to withstand shock inputs of 1500 g, yet still provide excellent accuracy and repeatability over a wide operating temperature range. For added durability, sensor components and associated electronics are contained within IP64 environmentally sealed housing. Units are available in ranges of  $\pm 14.5^\circ$ ,  $\pm 30^\circ$  and  $\pm 90^\circ$ , and offer a high level, 5-Volt analog DC-output signal, proportional to sine of the angle of tilt. LSI series models are fully self-contained, and are able to connect to a DC power source and a readout or control device, to form a complete operating system. These robust units are ideal for use in civil engineering, structural monitoring, geophysical and seismic studies, machinery and structural alignment, pipeline leveling, crane safety and satellite antenna leveling applications, among others. Recommended accessories for use with the LSI series include bipolar power supplies and the new DTI series digital panel indicator, which allows the user to read outputs directly in degrees. All are available from Sherborne Sensors.

The LSI series inclinometers are 100% tested and calibrated at the factory, and issued with a calibration certificate prior to shipment. The units carry a two-year comprehensive warranty, and are part of the new Sherborne Sensors Guaranteed On-Time Delivery program. In addition, Sherborne Sensors offers the added benefits of ISO9001: 2000 certified manufacturing, extensive applications engineering support, global technical sales presence, repair, refurbishment and calibration services, stocking programs, and continuous product improvements. For additional details, drawings and specifications, please contact **Sherborne Sensors** toll-free (in the US & Canada) at (877) 486-1766 [nasales@sherbornesensors.com](mailto:nasales@sherbornesensors.com) or on +44 (0) 870 444 0728 [sales@sherbornesensors.com](mailto:sales@sherbornesensors.com) (rest of world), or by visiting [www.sherbornesensors.com](http://www.sherbornesensors.com).

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### About Sherborne Sensors:

Sherborne Sensors is a global leader in the design, manufacture and supply of high-precision inclinometers, accelerometers, force transducers and load cells, rotary encoders, instrumentation and accessories for industrial, military and aerospace customers. Products offered under the Sherborne Sensors brand are renowned for their ultra-reliability and long-life precision within critical applications. Recent acquisition of synergistic technologies by Sherborne Sensors within our inclinometer and force and load cell offerings has allowed customers to benefit from expanded product lines, with added benefits of engineering support, global sales presence, repair, refurbishment and calibration services, stocking programs, and continuous product improvement.