Sherborne Sensors
.... the first choice in precision

Precision Measurement News
October 2009

In This Issue

LSW Series Weatherproof Servo Inclinometers

The **Sherborne Sensors LSW Series** is a family of rugged, high-precision angular sensors, designed for use in demanding all-weather applications.

LSW Series sensors are offered in resolutions down to 0.2 arc seconds (0.00006°) and in angular ranges from ±3° to ±90°, with full range outputs of ±5 Vdc. They are designed to withstand mechanical shock to 1500g. The sensors are housed in a durable, stainless steel case and sealed to IP67, with a field replaceable waterproof connector/cable system, should the cable become damaged in service.

Units are also fully self-contained, and able to connect to a DC power source and a readout or control device, to form a complete operating system.

The **LSW Series** is ideal for high precision measurements within physically challenging environments, adverse weather conditions, or where exceptionally high levels of shock and vibration are present. Applications can be found

Newly Expanded North America Stocking Program

In response to customer demand, and driven by continued, unprecedented North American business growth, **Sherborne Sensors**, Inc., has recently expanded the number of immediately available part numbers stocked in our New Jersey distribution centre. We have also begun a program to stock customer-specific units, for applications where forecast information is provided. The opportunity to have critical sensor units available locally in North America reduces lead times, as well as shipping, handling, and paperwork costs associated with factory direct shipments.

in the offshore industry, military, civil engineering, bore hole mapping and in geophysical and seismic studies.

LSW Series Weatherproof Servo Inclinometers

System Level Components and Accessories

Accompanying our expanding product portfolio, **Sherborne Sensors** offers a wide range of system level components and accessories, designed for inclusion as part of a complete signal conditioning system, supporting our inclinometer, accelerometer, rotary encoder, force and load product lines.

The team at **Sherborne Sensors** understands the critical need to have a fully functioning measurement and signal conditioning system, direct from the manufacturer, to ensure maximum efficiency during field installation, and optimal performance when the system is operational. Required support may be as simple as the supply of a mating connector or cable, or as extensive as the supply of output display instrumentation or a dedicated power supply. Regardless of size or scope, our standard and custom offerings provide an immediate, trusted solution that ensures full compatibility with selected sensors and the application.

To ensure maximum longevity, accuracy and convenience, systems may also be calibrated at the **Sherborne Sensors** facility with connector/cable/accessories already fitted and, where applicable, display instrumentation pre-programmed. An overview of standard system level components and accessory offerings may be found on our website, at www.sherbornesensors.com. Custom items are also available to suit individual customer application requirements.

Sherborne Sensors is committed to continuous evaluation of regional customer needs, and adjusting stock quantities accordingly, to ensure fastest possible delivery. If you would like to determine whether your sensor requirements are available locally in North America, or wish to discuss the implementation of a new stocking program for your facility, please contact us at nasales@sherbornesensors.com.

Sherborne Sensors Ltd

Ringway Centre, Edison Road,
Basingstoke, Hampshire, RG21 6YH,
United Kingdom
Tel: +44 (0) 870 444 0728
Fax: +44 (0) 870 444 0729
Email: sales@sherbornesensors.com
Website: www.sherbornesensors.com

Quick Links

Contact us
Request Data Sheets
Request for Quotation
Application Enquiry

BS EN 9001:2000
Cert No: QEC26007

Quality Endorsed Company
ISO 9001 QEC26007