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Manufacturer



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Proximity • Specialty Measurements

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New Subsea LVDT Series is Submersible to 7,500 ft.

The Series LWU is a family of submersible LVDT displacement transducers available in either DC or AC versions. These units are specifically designed for use in sea water and other submersible environments, including many corrosive liquids. The LWU Series features unguided armatures with stroke lengths from 0.5" to 4" and ...

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(January 2010, Amherst, NY) Stellar Technology: The Series LWU is a family of submersible LVDT displacement transducers available in either DC or AC versions. These units are specifically designed for use in sea water and other submersible environments, including many corrosive liquids. The LWU Series features unguided armatures with stroke lengths from 0.5" to 4" and linearity of +/- 1%. Operating temperature is from -40 to 140 deg.F.

The LWU60X is an AC/AC unit with v/v output. The LWU61X and LWU65X are DC/DC units with outputs of +/-5 Vdc or 0-10 Vdc and 4-20mA, respectively. The LWU units are made of 316 stainless steel, and are fully welded. The heavy duty construction makes these units able to endure the most rigorous applications including 10 years submersion in seawater at a depth of 7500 ft. (2300 m). The free unguided armature design allows non-magnetic fluids to enter the transducer body without affecting the operation of the transducer. In addition, this thru-hole design helps overcome the problems associated with marine growth.

The LWU Series is available now from Stellar Technology. A variety of cable lengths and customer-specified connectors are available.

We invite you to visit the Stellar Technology website (www.stellartech.com) and review our comprehensive offering of load cells, force sensors, torque transducers, pressure transducers and transmitters, temperature transducers, LVDTs, and instrumentation. For specifications or to request a quote please call (716) 250-1900 or email sales@stellartech.com. Stellar Technology, Inc. is an ISO9001:2000-certified company located at 237 Commerce Drive, Amherst, NY 14228, USA.

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