



Subminiature Tension-Compression Load Cells

(May 2010, Amherst, NY) Stellar Technology introduces the subminiature series VLU850 tension/compression load cells. In addition to their small size - with diameters from 0.50" and heights from 0.31" - these load cells deliver exceptional 0.50% accuracy for ranges from 10 to 1,000 lbf. Micro-Welded stainless steel construction provides for a repeatable, reliable, and rugged product.

Standard output for the Model VLU850 is 2 mV/V and electrical termination consists of a 4-conductor Teflon cable with braided stainless-steel shielding and an integral temperature and zero balance board. The VLU850 is temperature compensated from 70° to 170°F, and the temperature effect on zero and span is minimal at 0.01%/°F, insuring reliable performance. These load cells have a standard operating temperature range of -40° to 250°F, with an optional operating range from -65° to 400°F offered.

These small but rugged units feature a static overload capacity of 150% (FSO) and are perfectly suited for a variety of demanding and limited-space applications including medical robotics, components testing, biomedical research, flight control systems, structural testing, infusion pumps, and orthopedic stimulation. The Model VLU850 is available now, prices start at \$550.

We invite you to visit the Stellar Technology website (www.stellartech.com) and review our comprehensive offering of load cells, force sensors, pressure transducers and transmitters, temperature transducers, and instrumentation. For detailed 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.