



### **Miniature Pressure Transducer has Flush Diaphragm, Zero Dead Volume**

(June, 2010- Amherst, NY) The Series FT290 pressure transducers are designed for those applications requiring both a standard NPT male process connection and a flush diaphragm with zero dead volume. These pressure sensors are designed with a unique diaphragm design which reduces stress levels caused by torquing a tapered thread into the mating fitting. Besides their small size (only 3.5 oz.), these pressure sensors are constructed of all welded stainless steel and can withstand demanding application environments.

The FT290 covers ranges from 2,000 to 10,000 psia/psig and provides 3mV/V full scale output with 10vdc excitation. Static accuracy is  $\pm 0.25\%$  (BFSL). The operating temperature is

-100°F to +300°F, and the compensated temperature range is from -65°F to +250°F.

Additional design features include low sensitivity to shock and vibration, and infinite resolution. The compact size of the Series FT290 pressure transducer makes it ideal for many metering and dispensing applications. Standard units are designed with 1/4" NPTM pressure fittings; optional sizes are available. Each unit is shipped with a 19 point calibration record traceable to NIST as standard. FT290 is available now, with prices starting at \$400.

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