

# We're In The NEWS

## STI STELLAR TECHNOLOGY INCORPORATED

Pressure • Temperature • Load/Force Sensors



### New DIN-Rail Amplifier for use with LVDTs

(April 2010, Amherst, NY) The new Series AP5104 is a convenient DIN-rail Amplifier for use with 4-, 5-, or 6-wire LVDT's (linear variable differential transformer). The AP5104 provides regulated AC excitation with remote sensing capability for cable runs exceeding 20 feet. The AP5104 produces filtered analog outputs of  $\pm 0-5Vdc$ ,  $\pm 0-10Vdc$ , 4-20 mA, 4-12-20 mA which are field-selectable via the front panel. These outputs are filtered using a low-pass active filter that removes unwanted high-frequency measurement-signal components and thus eliminates aliasing errors. Signal inputs from 16 to 1600 mV/V are accepted.

The DIN mount housing is constructed of high-impact thermoplastic and permits easy access to screw terminal connections for power, analog output, shunt, and sensor signals. All controls are external including 25-turn trim pots for Zero and span, as well as coarse gain and zero, zero input switch, jumper links for master/slave setting, and excitation frequency setting. The manual or automatic phase shift adjustment feature synchronizes primary and secondary phase shifts caused by winding inductance or cabling.

The AP5104 is easy-to-use, with a power status indicator light and analog over-range indicator light. Model AP5104 is available now, prices begin at \$375. This unit is compatible with the complete range of Stellar Technology AC/AC LVDT transducers, and most other manufacturers LVDT's.

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 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](mailto:sales@stellartech.com). Stellar Technology, Inc. is an ISO9001:2000-certified company located at 237 Commerce Drive, Amherst, NY 14228, USA.