

We're In The NEWS

STI **STELLAR TECHNOLOGY** INCORPORATED

Pressure • Temperature • Load/Force Sensors



New DIN-Rail Amplifier for use with DC Strain Gage Transducers

(May 2010, Amherst, NY) The new Model AP5101 is a DIN-rail mounted single channel Amplifier which provides variable excitation and signal conditioning for standard DC-excited strain gage transducers, including those for pressure, force, torque, and load. The AP5101 provides up to 10V output or 4-20 output with transducer signals from 10mV to 10V, and incorporates a DC-DC converter to insure that the output is electrically isolated from the supply. The unit accepts both uni-polar and bi-polar input signals and can produce corresponding uni-polar or bi-polar voltage outputs.

The AP5101 is compatible with standard DIN-Rail mounting systems and is constructed of high-impact thermoplastic. The design permits convenient access to screw-clamp terminal connections for power, analog output, shunt, and sensor signals. Zero and span adjustments are located on the front panel and feature 25-turn trim pots. All other controls are internal including coarse gain and zero, zero input switch, jumper links for master/slave setting, and excitation frequency setting. All internal settings are easily accessible by disengaging the front panel and board assembly from the housing.

The AP5101 is easy-to-use, with a power status indicator light and over-range indicator light. Model AP5101 is available now from Stellar Technology, prices begin at \$355.

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.