

## Explosionproof Pressure/Temperature Transmitter for Low-Power Systems



American Sensor Technologies (AST) introduces a dual pressure/temperature transmitter that provides both pressure and temperature outputs from a single process point. The Model AST46PT Explosionproof Pressure/Temperature Transmitter offers both a superior pressure reading along with a temperature sensor output for less than the cost of a stand-alone temperature sensor. The dual output configuration of the AST46PT transmitters also reduces process penetration points and leaks that are important considerations in critical systems such as hydrogen, oxygen, heavy oil processing, hydraulics, analyzers, offshore, pipelines and ammonia systems. In essence, the AST46PT offers a hazardous area solution for monitoring pressure and temperature with one device. Incorporating a microprocessor-controlled design, along with AST's proven one-piece body construction, the Model AST46PT Explosionproof Pressure/Temperature Transmitter offers high accuracy pressure and temperature measurements of +/-0.1% and 1.0% BFSL, respectively. Units are available in various temperature ranges from -40° to 250°F (-40° to 125°C) and pressure ranges up to up to 20,000 PSI (1,400 Bar).

[www.astensors.com](http://www.astensors.com) [1]

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