

## All Sensors Corporation

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# New Low Pressure 4 to 20mA Transmitter

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All Sensors Corporation of Morgan Hill, California has announced a brand new low pressure transmitter, the **TLAX Series**. This new device series offers design engineers exceptional performance over pressure ranges of 0.5 to 30 inH<sub>2</sub>O differential and gauge and 1 to 150 PSI differential and gauge. Product highlights include 4 - 20 mA, 2-wire current loop output with calibrated zero, span, and thermal effect, as well as reverse polarity protection.

The TLAX Series 4 to 20 mA Output Transmitter is based on All Sensors' CoBeam<sup>2</sup>™ Technology. This reduces package stress susceptibility, resulting in improved overall long term stability. The superior dual-die technology also vastly improves position sensitivity compared to single die devices. This technology breakthrough advances the state of the art for piezoresistive pressure sensors beyond what has been achieved for low pressure sensing using silicon based strain technology. This combined technology breakthrough advances the state of the art for piezoresistive, silicon-based pressure sensors beyond what has been achieved for low pressure sensing.

The TLAX series is fully digitally compensated for the effects of pressure and temperature change. It senses gauge a gauge pressure transmitter if the low-side is left open to the atmosphere.

### Package Features

- PC board mountable
- Two pressure ports

### Product and Electrical Features

- All Sensors' CoBeam<sup>2</sup>™ Technology
- 12 to 32 V<sub>DC</sub> Supply Voltage
- 4 to 20 mA 2-wire current loop output
- Compensated Temperature Range: 0°C to 50°C
- Reverse Polarity Protection

### Applications

Ideal applications for this device include: HVAC, Industrial Controls, Environmental Controls, Air Sampling Equipment

### Price

Contact factory for price. Samples are available for product testing.

For additional information, please visit:

<https://www.allsensors.com/products/TLAX-series>

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