

All Sensors Corporation

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PRESS RELEASE

For Immediate Release

Compensated Millivolt **Low Voltage** Pressure Sensors

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All Sensors Corporation of Morgan Hill, California has announced a new line of Millivolt Low Voltage Pressure Sensors. The new Millivolt Low Voltage Pressure Sensors (MLV Series) is based upon All Sensors' CoBeam²™ Technology. CoBeam²™ Technology helps reduce package stress as well as greatly improves position sensitivity when compared with competitive sensors. The MLV Series device has a temperature compensated output signal and is calibrated for zero and span. By offering a compensated and calibrate output signal, many errors associated with pressure measurement are corrected, offering an accurate and stable signal. The MLV Series device provides a high output signal at a low operating voltage. This is the result of an extremely sensitive sensing element capable of operating at low supply voltages. Lower operating voltages result in improved errors due to warm-up shift. The MLV Series afford design engineers a new compensated millivolt pressure sensor capable of low pressure measurement with improved energy efficiency. The Millivolt Low Voltage (MLV) Series is available in 1, 5, 10, 20, and 30 inH2O pressure ranges.

Package Features

The MLV Series is offered in a pc board mountable package. Several packages and port configurations are available including gage and differential devices.

Electrical Features

The MLV Series employs All Sensors' CoBeam²™ Technology. The device provides a compensated and calibrated mV output signal. The MLV Series device is specified at 5 volt excitation with just over 2mW power consumption.

Applications

Ideal applications for this device are; portable devices, battery operated devices, medical breathing, medical devices associated with low pressure, remote sensing, HVAC, and industrial controls.

Price

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

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