

## All Sensors Corporation

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PRESS RELEASE  
*For Immediate Release*

## Additional Pressure Ranges for *MLV Series* Pressure Sensors

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All Sensors Corporation of Morgan Hill, California has announced the addition of new pressure ranges to the existing line of Millivolt Low Voltage Pressure Sensors (MLV Series). After successfully launching the MLV Series, new pressure ranges that include 5, 15, 30, 100, and 150 PSI have been added to the MLV product family.

The MLV Series is based upon All Sensors' CoBeam<sup>2</sup>™ Technology. CoBeam<sup>2</sup>™ 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 MEMS 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 accurate, repeatable pressure measurement with improved energy efficiency. The MLV Series is available in 1, 5, 10, 20, 30 inH2O & 5, 15, 30, 100, 150 PSI pressure ranges.

As a result of this product expansion, products contained in datasheets DS-0099 & DS-0100 have been become obsolete. Please contact your Sales Manager for more information.

### 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' CoBeam<sup>2</sup>™ 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.

*For additional information, please contact:*

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