

# All Sensors Corporation

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PRESS RELEASE  
*For Immediate Release*

## 1/2 inH<sub>2</sub>O Digital Pressure Sensor

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All Sensors Corporation of Morgan Hill, California has announced a new 1/2 inH<sub>2</sub>O digital pressure sensor. This device is an addition to the existing DLVR Series Pressure Sensor family. The new 1/2 inH<sub>2</sub>O digital pressure sensor provides design engineers the ability to measure very low pressures with a compensated digital output signal.

The DLVR Series is a low voltage, low cost digital pressure sensor that offers a fully customizable, turn-key solution for design engineers looking for digital pressure solutions. Product highlights include, either I<sup>2</sup>C or SPI output interfaces with 14 bit internal resolution, 3.3V and 5V supply voltage options, and a 1% total error band. With the ability to operate at a low supply voltage (3.3V), the DLVR Series renders itself a power conscious device well suited for portable applications. The DLVR Series utilizes All Sensors' proprietary CoBeam<sup>2</sup>™ Technology allowing greater sensitivity while reducing package stress and position sensitivity. Devices are available in 1/2, 1, 2, 5, 10, 30, and 60 inH<sub>2</sub>O pressure ranges.

### Package Features

- Miniature package with SIP and DIP lead configurations
- PC board mountable package
- Multiple port and lead configurations available

### Electrical Features

- Digital I<sup>2</sup>C or SPI interface
- 14 Bit internal resolution / 12 Bit no missing codes
- 3.3V or 5V Supply voltage
- No external components required
- All Sensors' CoBeam<sup>2</sup>™ Technology
- 1% Total error band typical
- Multiple update rates available

### Applications

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

### Price

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

For additional information, please visit:

<http://www.allsensors.com/products/DLVR-F50D>

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