All Sensors Corporation

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PRESS RELEASE
For Immediate Release

DLVR Series Low Voltage Digital Pressure Sensors

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All Sensors Corporation of Morgan Hill, California has announced a new line of low voltage, low cost digital pressure sensors (DLVR Series). The DLVR Series Pressure Sensors offer a fully customizable, turn-key solution for design engineers looking for a digital pressure solution. Product highlights include, either I^2C 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' CoBeam^2 ™ Technology allowing greater sensitivity while reducing package stress and position sensitivity. Devices are available in 1, 2, 5, 10, 30 and 60 inH$_2$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^2C 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^2 ™ Technology
- 1% Total error band
- Multiple update rates available

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 visit:
http://www.allsensors.com/products/DLVR-L01D

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