PRESS RELEASE
For Immediate Release

½ inH2O Digital Pressure Sensor
September 2014

All Sensors Corporation of Morgan Hill, California has announced a new ½ inH2O digital pressure sensor. This device is an addition to the existing DLVR Series Pressure Sensor family. The new ½ inH2O 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 I²C 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 CoBeam²™ Technology allowing greater sensitivity while reducing package stress and position sensitivity. Devices are available in ½, 1, 2, 5, 10, 30, and 60 inH2O 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 I²C or SPI interface
- 14 Bit internal resolution / 12 Bit no missing codes
- 3.3V or 5V Supply voltage
- No external components required
- All Sensors’ CoBeam²™ 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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