

All Sensors Corporation

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PRESS RELEASE
For Immediate Release

Extended Pressure Ranges Available for DLV Series, Low Voltage Digital Pressure Sensor

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All Sensors Corporation of Morgan Hill, California has announced the availability of additional DLV Series pressure ranges. The DLV Series now includes 30 and 60 psi (200 and 400 kPa) differential and 600 to 1100 mbar (60 to 110 kPa) barometric pressure ranges. This device series offers design engineers excellent performance over barometric and middle pressure ranges of 5 to 60 psi (35 to 400kPa).

Product highlights include supply voltage options to ease application integration into a wide range of process control and measurement systems, I2C or SPI interface options and multiple power consumption modes for battery-powered or remote systems. The DLV Series provides a calibrated and compensated output over a wide temperature range of -20°C to 85°C. A Sil-Gel die coating is added for enhanced media protection. The DLV Series provides an accuracy of 0.1% (typical) over temperature. Devices are now available in 5, 15, 30, 60 psi (35, 100, 200, 400 kPa) and barometric pressure ranges.

Package Features

- Miniature package with SIP and DIP lead configurations
- PC board mountable package
- Multiple port and lead configurations available
- Sil-Gel die coating

Electrical Features

- 3.3V or 5V Supply voltage
- I²C or SPI interface
- Better than 0.1% accuracy over temperature (typical)
- Total Error Band (TEB) 0.5% (typical)
- Multiple update rates available

Applications

Ideal applications for this device are; medical breathing, environmental controls, HVAC, industrial controls, portable devices, hand-held equipment, and other applications measuring clean, dry air and gases.

Price

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

For additional information, please visit:
<https://www.allsensors.com/products/dlv-series>

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