

# ABSTRACT: Wireless Pressure Sensor With Build-In Calibration

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## ABSTRACT

Pressure sensors are used in numerous applications to monitor and control the pressure of air, gas, fluid and vapor. To reliably measure absolute pressure, a pressure sensor must be calibrated. One or more embodiments of the invention are directed to a method and system for a modal integrated sensor/actuator designed such that the electrically driven actuators built within the system can be utilized as independent force sources for providing automated calibration of the pressure sensor. The system of one or more embodiments of the invention includes a wireless communication subsystem that may transmit both its measurement data and calibration data wirelessly to a remote system for further processing.

## PATENT STATUS

Country	Type	Number	Dated	Case
United States Of America	Issued Patent	7,918,138	04/05/2011	2007-728

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## OTHER INFORMATION

### CATEGORIZED AS

- **Sensors & Instrumentation**
- Other
- Physical Measurement

### RELATED CASES

2007-728-0

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