



Bourns Introduces New Pressure Sensor Model Designed for Ultra-low Pressure Sensing in a Digital World

New Line of Pressure Sensors Featuring 3.3 V Compatibility with Extended Ultra-low Pressure Sensing Ranges

Model BPS125 Series

Riverside, California – February 24, 2020 - Bourns Sensors & Controls Product Line is introducing a new series of pressure sensors based on Microelectromechanical Systems (MEMS) technology. The [Model BPS125](#) is 3.3 V capable and is calibrated for pressure ranges from 250 Pa to 1.0 PSI. Designed for the advanced sensor needs in Industrial Automation, Energy, Building & Home Control, Medical* (low/medium risk) and Military applications, the BPS125 line has been designed to provide high sensitivity/accuracy, long-term reliability and ultra-low pressure sensing with digital output (I²C).

The Model BPS125 pressure sensor delivers extremely accurate ultra-low pressure sensing capabilities for sensitive applications. This sensor family offers fully calibrated and compensated output for more efficient processes, as well as long-term stability for reliable repeatability.

The Model BPS125 pressure sensor family is available now. For more details on Bourns[®] Precision Sensors, please visit the Bourns website at www.bourns.com/products/sensors/environmental-sensors. Should you have any questions, please contact [Bourns Customer Service/Inside Sales](#).

Features

- 3.3 V supply
- Ultra-low pressure sensing (250 Pa)
- Gauge and differential types
- For use in clean, dry air and non-corrosive gas environments
- Digital I²C output
- RoHS compliant**

Applications

- Industrial:
 - HVAC systems
 - Process monitoring
 - Packaging automation
- *Medical Devices (low/medium risk):
 - Diagnostic equipment
 - Analysis equipment

* Bourns[®] products have not been designed for and are not intended for use in "lifesaving," "life-critical" or "life-sustaining" applications nor any other applications where failure or malfunction of the Bourns[®] product may result in personal injury or death. See Legal Disclaimer Notice bourns.com/docs/legal/disclaimer.pdf.

**RoHS3 Directive 2015/863 Amendments of Annex II on March 31, 2015