



Bourns Introduces Four New Series of Environmental Pressure Sensors Based on MEMS Technology

Model BPS310, BPS320, BPS330, BPS340 Series

Riverside, California – February 24, 2020 – Bourns Sensors & Controls Product Line is introducing four new series of environmental sensors based on Microelectromechanical Systems (MEMS) technology. These four new series are designed for the customer who requires ultra-fast response time, long-term stability and has the ability to do self-calibration. The four new model series will cover a vast array of applications and packaging requirements.

The [Model BPS310 series](#) has been designed to provide high sensitivity/accuracy for ultra-low pressures. [The Model BPS320 series](#) has a robust configuration in a surface mount package for gauge and absolute pressure measurements up to 500 psi. The [Model BPS330 series](#) is a through-hole pressure sensor with an aluminum port for low pressure applications that have an operating temperature range up to 125 °C. The [Model BPS340 series](#) is a surface mount device with pressure ranges of up to 500 psi, and the ability handle certain harsh medias.

These new models in the Bourns® pressure sensor family are designed for stable performance over the product's lifespan, and the ability to work with a wide range of pressures. Bourns also offers port configuration and calibration customization for all BPS pressure model families.

These new models are available now. For more detailed product information, please visit: www.bourns.com/products/sensors/environmental-sensors. Should you have any questions, please contact [Bourns Customer Service/Inside Sales](#).

Features

- Uncompensated output
- Absolute, gauge and differential types
- For use in clean, dry air and non-corrosive gas environments
- RoHS compliant*

Applications

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

*RoHS Directive 2015/863, Mar 31, 2015 and Annex.

**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 <http://www.bourns.com/docs/legal/disclaimer.pdf>.