

New Product Release

BOURNS® PRECISION SENSORS



Bourns Introduces New Series of Environmental Sensors Based on MEMS Technology *Model BPS140 Series*

Riverside, California – May 10, 2019 – Bourns Sensors & Controls Product Line is introducing a new series of environmental sensors based on Microelectromechanical Systems (MEMS) technology. Designed for the advanced sensor needs in Industrial Automation, Energy, Building & Home Control and low/medium risk Medical* applications, the [Model BPS140 series](#) has been designed to provide high sensitivity/accuracy, long-term reliability, high temperature capability and certain harsh media compatibility.

Bourns' new sensors feature state-of-the-art technologies that provide the ability to operate in conditions that typically cause many sensors to fail.

The Model BPS140 pressure sensor line features certain harsh media compatibility and high temperature operation with high accuracy. This sensor family offers particularly 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.

The Model BPS140 environmental sensor family is 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

- Compensated output
- Harsh media monitoring
- Absolute and gauge types
- Isolated onboard electronics
- Ceramic port
- RoHS compliant**

Applications

Industrial:

- Refrigerant systems
- Water level & pressure monitoring

*Medical Devices (low/medium risk):

- Diagnostic/analysis equipment

***Heavy Equipment:

- Oil & fuel systems
- Exhaust gas pressure sensing

* 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

*** Custom engineered solutions. Check with factory for availability.