BOURNS®

NEW PRODUCT RELEASE

SENSORS & CONTROLS



Bourns Introduces New Digital Environmental Sensors

BPS170 Series

Riverside, California – March 27, 2025 – Bourns Sensors & Controls Product Line is introducing a new series of environmental sensors for ultra-low pressure sensing requirements. The Model BPS170 line has been designed to provide high sensitivity/accuracy, long-term reliability, high temperature capability and harsh media compatibility with digital output.

These 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 BPS170 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 operate with a wide range of pressures.

Samples and production quantities are now available. For your convenience, the data sheet and material declaration sheet are now available at bourns.com.

Should you have any questions or need additional information, please contact Customer Service/Inside Sales.

Features

- SMD terminal
- Harsh media monitoring
- -20 °C to +100 °C operating temperature range
- Gauge pressure
- Improved linearity
- Dual horizontal port
- RoHS compliant*

Applications

- Medical equipment (low/medium risk)**
- White goods
- Industrial P/I
- Process control

Additional Information

DATA SHEET | PRODUCT SELECTOR | TECHNICAL LIBRARY | INVENTORY | SAMPLES | CONTACT

* *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 https://www.bourns.com/docs/legal/disclaimer.pdf.

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