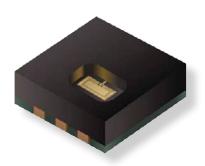


NEW PRODUCT RELEASE

BOURNS® PRECISION SENSORS



Bourns Introduces New Model in the Line of Humidity Sensors Based on MEMS Technology

Model BPS240 Series

Riverside, California – March 30, 2021 – Bourns Sensors and Controls Product Line is introducing a new model in the line of environmental sensors based on Microelectromechanical Systems (MEMS) technology. The new series is designed for the advanced sensor needs in industrial automation, energy, building & home control, and low/medium-risk medical* applications. The Model BPS240 series has been designed to provide fast response time with digital (I²C) output, high sensitivity/accuracy, and long-term reliability.

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/lnside Sales.

Features

- Fast response time (<1 second)</p>
- Relative humidity accuracy of $\pm 2\%$ (typical)
- Low voltage operation
- Low current consumption
- I²C communication protocol
- Reliable capacitive technology
- RoHS compliant**

Applications

Industrial:

- HVAC systems
- Process monitoring
- Climate monitoring, interior and exterior

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

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