



VAV Control

Experts for HVAC Sensor Solutions

Optimize Your VAV Controllers with the SDP800 Differential Pressure Sensor

- Gain extreme sensitivity and stability at low flows
- Outstanding accuracy and repeatability below 0.004" wc
- Fully calibrated and temperature-compensated sensor (-20 to 85 °C)
- Bi-directional sensor technology

www.sensirion.com/sdp800

SENSIRION
THE SENSOR COMPANY

Differential Pressure Sensor SDP800 Series



FEATURES

- Outstanding accuracy and repeatability below 0.004" wc (below 1 Pa)
- Measurement range: ± 2.0 " wc (± 500 Pa)
- Zero-point accuracy: ± 0.0004 " wc (± 0.1 Pa)
- Resolution (zero-point repeatability): ± 0.0002 " wc (± 0.05 Pa)
- Fully calibrated and temperature-compensated at Sensirion factory
- Operating temperature range: -40 to 185 °F (-40 to 85 °C)
- Digital I²C and analog version
- Proven and improved – used today by top VAV controller manufacturers worldwide

OTHER APPLICATIONS

- Air filter monitoring
- Burner control
- Boilers
- Heat recovery systems
- Air pressure control
- Ventilation and fan control

CMOSENS® TECHNOLOGY

All Sensirion products are characterized by the fusion of the sensor element and digital signal processing on a single CMOS chip. The benefits of CMOSens® are:

- High reliability and long-term stability
- Best signal-to-noise ratio
- Industry-proven technology with a track record of more than 15 years
- Designed for mass production
- High process capability

EVALUATION KIT

The EK-P5 evaluation kit can be ordered from our catalog distributors or from Sensirion directly.

