

Measure barometric pressure



The SB-100 barometric pressure sensor uses a silicon pressure sensor with specialized circuitry to boost and linearize the output. The sensor is small and should be housed inside the same enclosure with the datalogger.

Apogee developed this sensor for use with oxygen sensors, which are sensitive to barometric pressure fluctuations.

Related Products



SO 100 & 200 Series

These sensors are useful for monitoring soil respiration, aeration and gaseous O₂ levels in laboratory studies.

Specifications

Accuracy

- $\pm 1.5\%$

Sensitivity

- 45.9 mV per kPa

Operating Range

- -40 to 125 C

Storage Temperature

- -40 to 125 C

Pressure Range

- 15 to 115 kPa

Input Power

- 5.0 VDC

Current Draw

- 7.0 mA DC

Response Time

- 1.0 ms

Full Scale Output

- 5.0 VDC

Mass

- 2 g

Cable

- 20 cm pigtail

Warranty

- 1 year against defects in materials and workmanship

