Barometric Pressure Sensors

Resonant silicon technology, silicon capacitance

Barometric pressure sensors measure fluctuations in the pressure exerted by the atmosphere. The sensors require protection from condensing humidity, precipitation, and water ingress. They are typically housed with the data logger inside an environmental enclosure. If the enclosure is airtight, the sensor's pressure port must be vented to the atmosphere.

		Calibration Uncertainty	*Uncertainty*	*Total Uncertainty*	*Long-Term Stability*
BaroVue 10 Digital Barometer Featured		Accuracy: ±0.15 hPa	Accuracy: ±0.3 hPa (at 20°C)	Accuracy: ±0.5 hPa (at -40° to +60°C)	Accuracy: ±0.1 hPa/yr
CS106 Barometer Featured		±0.15 hPa	—	—	± 0.1 hPa per year

For comprehensive details, visit: www.campbellsci.com.au/barometric-pressure

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