

S-BPA-CM10

HWS Barometric Pressure Sensor

Provides average barometric pressure for each data logging interval over the range of 660 mb to 1070 mb (19.47 to 31.55 inHg); compatible with H22 data loggers.



Supported Measurements

Barometric Pressure

Features

- Specialized smart sensor
- Range of 660 mb to 1070 mb (19.47 to 31.55 inHg)
- Compatible with H22 data loggers

Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email sales@onsetcomp.com
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

Technical Support (8am to 5pm ET, Monday through Friday)

- Contact Product Support www.onsetcomp.com/support/contact
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

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HWS Barometric Pressure Sensor (S-BPA-CM10) Specifications

Measurement parameters: average over logging interval, user-defined sampling interval from 1 second

Measurement range: 660 mb to 1070 mb (19.47 to 31.55 in. Hg)

Operating temperature range: -40° to 70°C (-40° to 158°F)

Accuracy: ±3.0 mbar (0.088 in. Hg) over full pressure range at 25°C (77°F); maximum error of ±5.0 mbar (0.148 in. Hg) over -40° to 70°C (-40°F to 158°F)

Resolution: 0.1 mbar (0.003 in. Hg)

Drift: Typical ±0.6 mb (0.018 in. Hg) per year, maximum <2.5 mb (0.074 in. Hg) per six months

Dimensions: 4.5 cm x 4.8 cm x 1.6 cm (1 3/4" x 1 7/8" x 5/8")

Approximate weight: 30 g (1 oz)

Cable length: 10 cm (4")

Note: Must be used inside logger enclosure to assure protection from direct exposure to the weather



- The CE Marking identifies this product as complying with all relevant directives in the European Union (EU)