



This product
complies with CE
directives

S-BPA-CM10 Barometric Pressure Sensor

The Barometric Pressure Sensor provides average barometric pressure for each logging interval over the range of 660 mb to 1070 mb (19.47 to 31.55 inHg). The operating temperature range for this sensor is -40° to 70°C (-40° to 158°F); sensor survival is supported from -20° to +70°C (-4° to +158°F). This specialized smart sensor must be used inside a logger enclosure to assure protection from direct exposure to the weather.

Specification:

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

Order Information:

Barometric Pressure Sensor

Part No:

S-BPA-CM10

