

The Model 61201 Barometric pressure Sensor is an accurate, analog output electronic barometer.

For meteorological and utility applications where continuous power is available, the Model 61201 is fully compensated for superior performance over a wide range of temperatures. For outdoor installation, use of Model 61002 Pressure Port is recommended. The Pressure Port minimizes dynamic pressure errors due to wind.



Model 61201 Barometric Pressure Sensor (bottom) and Model 61002 Pressure Port.

Specifications

Operating Range:*

800-1100 hPa (23.6-32.5 inHg)

Output:*

0.00 to 5.00 VDC

Operating Temperature:

-50 to +50°C

Accuracy:

±0.5 hPa (.02 inHg) @ 20°C

±2.0 hPa (.06 inHg) over temperature range

Supply Voltage:

12 to 30 VDC

Supply Current:

100 mA warm-up (4 min. @ 24 V)

50 mA operating @ 20°C

Case:

Fiber-reinforced thermoplastic

Dimensions:

110 mm (4.3 in) W x 75 mm

(2.9 in) H x 56 mm (2.2 in) D

Weight:

Net: 1 lb. 5 oz.

Shipping: 4 lb.

Other:

Complies with applicable CE directives.

* Fully calibrated over range 600-1100 hPa (Output-3.33 to 5.00 VDC)

Ordering Information

MODEL

BAROMETRIC PRESSURE SENSOR	61201
SENSOR CABLE, 5 CONDUCTOR-PER FT	18446
PRESSURE PORT W/OFFSET BRACKET	61002

Specifications subject to change without notice.



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