

NRG BP60

BAROMETRIC PRESSURE SENSOR

NRG Systems' BP60 Barometric Pressure Sensor brings important upgrades to the proven design of our BP20 Barometric Pressure Sensor, offering significantly improved accuracy and temperature-compensation.

Key Benefits:

- New housing and sensing element improves measurement accuracy over 4x vs. BP20
- Native temperature-compensation allows the sensor to react to internal temperature changes almost immediately
- Well-suited for remote wind and solar energy studies with low, 1 mA current draw
- Designed to be a drop-in replacement for the BP20 for seamless transitions
- Cable lengths up to 110m and an optional up-tower bracket provide flexible mounting options



NRGSystems®



Specifications:

Each BP60 unit undergoes a single-point check to confirm performance within the sensor's specifications, the results of which are available in a factory verification certificate at no additional cost.

A three-point calibration is also available from NRG's ISO 9001: 2015 manufacturing facility.

NRG BP60 Barometric Pressure Sensor	
Sensor Type	Analog barometric pressure sensor based on piezo resistive silicon membrane
Sensor Accuracy	Measurement Uncertainty (k = 2): ± 1.12 hPa @ 25°C ± 0.83 hPa @ 25°C (calibrated)
Sensor Range	500 hPa to 1100 hPa (14.765 to 32.483 inches Hg)
Calibration	Quality certificate included with each sensor Optional 3-point calibration available
Cables + Mounting	Cable lengths up to 110m, optional up-tower mounting bracket available
Output Signal Range	0.020 to 2.480 VDC
Supply Voltage	5 to 15 VDC 5 V pulsed excitation recommended
Supply Current	1.0 mA with recommended 5 VDC pulsed input 1.25 mA max

For more information:

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 ISO 9001: 2015 Certified
 ISO 14001:2015 Self-Certified

