Honeywell Precision Barometer HPB

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The Honeywell Precision Barometer (HPB) offers outstanding value to instrument builders requiring accurate and stable barometric measurements in real-world conditions. The HPB uses proven silicon sensor technology with microprocessor-based signal compensation, eliminating the need to insulate or temperature-regulate the barometer. The HPB has a pressure range of 500 to 1200 hPa. The HPA, intended for altimeter applications, provides a pressure range of 0 to 17.6 psia.

APPLICATIONS:



High Accuracy
 ±0.4 hPa max from -40 to 85°C
 ±0.03% FS max from -40 to 85°C

Multiple Interface Options

- Two-tiered accuracy including temperature errors over -40 to 85°C

 HPB, ±0.4 hPa or ±0.8 hPa; HPA, ±0.03% or ±0.06% FS Max.

 Simplifies System Design there is no need to insulate, temperature-regulate or provide additional signal compensation.
 - Easy Interface, Plug-and-Play for your system requirements.
 TTL for lowest power consumption (33 milliwatts)
 RS-232 receives commands and sends data to a single serial port of a computer.

RS-485 – up to 89 units can be connected to a two-wire multidrop bus.

- Stable and Reliable Honeywell has been building the world's highest performance silicon pressure sensors for over thirty years.
- Proven Honeywell Technology



For more information on Honeywell's Precision Pressure Transducers visit us online at <u>www.pressuresensing.com</u> or contact us at 1-800-601-3099 (International: 1-602-365-3099). Customer Service Email: D&Sorders@honeywell.com.

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