

BARON: BAROMETRIC PRESSURE SENSOR

FEATURES

- High level linear voltage output
- Two options of sensor output :
 - 0 to 2.5V span output
 - 0 to 5V span output

DESCRIPTION

- *Sensor type:* Micro-machined integrated circuit absolute pressure sensor
- Applications
 - wind resource assessment
 - meteorological studies
 - environmental monitoring



OUTPUT SIGNAL

- *Sensor range:* 150 mbar to 1150 mbar
- *Signal Type:* Analog, selectable: 0-5V or 0-2.5V
- *Accuracy:* +/- 15 mbar max. uncorrected offset
- *Calibration:* calibration sheet included with each sensor specifies offset correction
- *Turn on time:* 15 ms

CONNECTIONS

- Red wire: Power Supply (8 V to 30 V DC)
- Black wire: GND
- White wire: Sensor output signal

POWER REQUIREMENTS

- *Supply voltage:* 8 V to 30 V DC
- *Supply current:* 15 mA max. (8 mA typical)

INSTALLATION

- *Mounting:* mounts directly to tower or inside steel shelter box with hose clamps
- *Enclosure:* Aluminum 115 x 65 x 30 mm

For each piece, a calibration sheet is available!