

Highly Accurate, Solid State Pressure Transducer

Accubar[®] Barometric Pressure Sensor 5600-0120-3

Features

- ▶ Low power design makes it ideally suited for remote monitoring applications.
- ▶ Capable of operating from elevations of 2300 feet below sea level to 18,300 feet above sea level
- ▶ Wide temp range -40°C to +60°C
- ▶ Low power consumption
- ▶ Solid state construction
- ▶ Low cost
- ▶ SDI-12 output
- ▶ Established reliability and stability
- ▶ Sealed NEMA-4 enclosure



Specifications	
<i>Specifications subject to change without notice</i>	
Range	500 to 1100mB (hPa) 14.8 to 32.5 in. Hg
Elevation	-2,300 to 18,300 feet (-700 to 5,600 meters)
Accuracy	0.4, 0.3, 0.2 mB (hPa) @ 20°C depending on model (see Ordering). An additional 0.1 mB over the temperature range
Resolution	Better than 0.01mB
Averaging Time	0 to 240 seconds (user selectable)
Temperature Range	-40°C to +60°C
Supply Power	+8 to +16 VDC (reverse polarity protected)
Power Consumption Standby	<0.1 mA
Power Consumption Measuring	< 4 mA
Output	SDI-12 V1.3
Pressure Units	mB, hPa, kPa, in. Hg, mm Hg, ATM, psi, user specified units
Dimensions	2.6 inch x 2.6 inch x 1.6 inch (excluding cable gland, hose barb & optional supplied mounting feet)
Weight	0.3 lb.
Pressure Fitting	Hose barb for 3/16 in. ID hose
Cable Fitting	Cable gland for 0.12" to 0.26" diameter cable
Supplied Cable	3 ft

Ordering

5600-0120-3A	SDI-12 Barometer, 0.2 mB @ 20°C
5600-0120-3B	SDI-12 Barometer, 0.3 mB @ 20°C
5600-0120-3C	SDI-12 Barometer, 0.4 mB @ 20°C
Accessories	
5600-0121	Barometer Pressure Port
2271-1189	Mounting Feet Replacements



Accubar Barometric Pressure Sensor with Mounting Feet (included)



SUTRON CORPORATION

22400 Davis Drive
GS-25F604D SBSA

Sterling, VA 20164
NESDIS Certified

(703) 406-2800
ISO 9001-2008 Cert.

(703) 406-2801 Fax
Sutron is an authorized Iridium VAR.

www.sutron.com

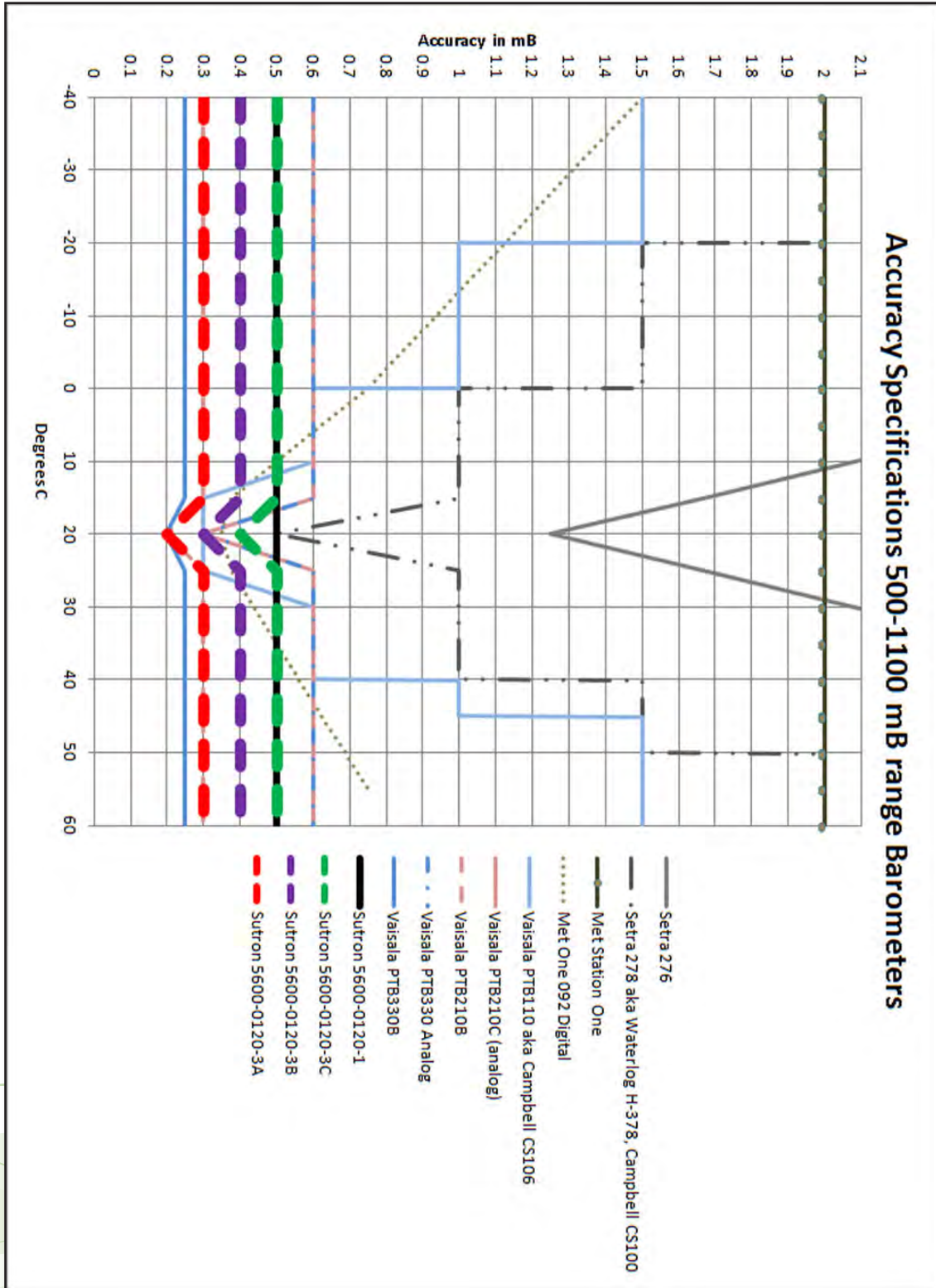
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Accuracy Specification Comparison



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