Accubar® Barometric Pressure Sensor 5600-0120

Highly accurate, solid state pressure transducer

- Low power design makes it ideally suited for remote monitoring applications.
- Capable of operating from elevations of 1200 feet below sea level to 13,000 feet above sea level
- Wide temp range -45°C to +60°C
- Low power consumption
- Solid state construction
- Low cost
- Light weight aluminum construction
- RS-232, SDI-12, and Analog 0 - 5 VDC outputs

Ordering Information

Part Number	*Description*
5600-0120-1	Pressure Sensor, Barometric, RS-232 and SDI-12 outputs
5600-0120-2	Pressure Sensor, Barometric, RS-232, SDI-12 and Analog 0-5VDC outputs

Specifications

Specifications subject to change without notice

Range	600 to 1100mB (hPa) 17.7 to 32.5 in. Hg
Elevation	-1200 to 13,000 feet
Accuracy	0.5mB (hPa)
Resolution	0.01mB
Averaging Time	0 to 240 seconds (user selectable)
Temp Range	-45°C to +60°C
Supply Power	+8 to +28VDC (reverse polarity protected)
Power Consumption	(-1): RS-232 active 17 mA typ SDI-12 active 6 mA typ standby 2 mA typ (-2) RS-232 active 18 mA typ SDI-12 active 9 mA typ standby 8 mA typ Power specifications are under “no load” conditions.
Output	Standard (-1) RS-232 and SDI-12 Optional (-2) RS-232, SDI-12, and Analog 0-5VDC (accuracy 7mV)
RS-232 Data	Continuous or on-demand
Communication	1200 baud, even parity, 7 data bits, one stop bit
Pressure Units	mB, hPa, kPa, in. Hg, mm Hg, ATM, psi, user specified units
Dimensions	3.14 in. x 2.95 in. x 2.24 in. excluding connectors and cable
Weight	<1 lb
Vibration	0.5g @ 10-50Hz
Pressure Fitting	Hose barb for 3/16 in. ID hose
Electrical Connection	Cable gland for 1/4 in. cable to terminal block for 16 to 28 AWG wire

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