

Accubar® SDI-12 Barometric Pressure Sensor Model 5600-0120-3



Features

- ▶ Low power design makes it ideally suited for remote monitoring applications.
- ▶ Capable of operating at elevations of 2300 feet below sea level to 18,300 feet above sea level
- ▶ Wide temperature 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	
Subject to change without notice	
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). Additional 0.1 mB over the temperature range.
Resolution	Better than 0.01mB
Averaging Time	0 to 120 seconds (user selectable)
Temperature Range	-40°C to +60°C
Power Consumption	
Supply Power	+8 to +16 VDC (reverse polarity protected)
Standby	<0.1 mA
Measuring	<4 mA
Output	SDI-12 V1.3
Pressure Units	mB, hPa, kPa, in. Hg, mm Hg, ATM, psi, user specified
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 feet
DIMENSIONS	<i>Excluding cable gland, hose barb & optional supplied mounting feet</i>
Height	2.6 in. (6.7 cm)
Length	2.6 in. (6.7 cm)
Width	1.6 in. (4.1 cm)
Weight	.42 lbs. (.2 Kg)

ORDERING	
Part #	Description
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
SHIPPING	
Shipping Height	5 in. (12.7 cm)
Shipping Length	5 in. (12.7 cm)
Shipping Width	3 in. (7.7 cm)
Shipping Weight	1.5 lbs. (.7 Kg)



Accubar Barometric Pressure Sensor with Mounting Feet (included)

Accuracy Specifications Comparison

