

Accubar® Gauge Pressure Sensor 5600-0125



Features

- Mercury manometer replacement
- Pressure activated control applications
- Ideal for remote monitoring applications
- Supports SDI-12
- With 5600-0126 chart drive, the Accubar can drive chain or tape driven devices including chart recorders.
- Quadrature output connects to data recorders.
- Durable aluminum case
- DB-9 female connector, for RS-232
- 8 position terminal block
- Fitting for a 1/8 in.OD tubing
- Low power consumption
- Low maintenance requirement

Ordering Information

Part Number	Description
5600-0125-7	Pressure Sensor, Accubar® Gauge, RS-232, SDI-12, and quadrature outputs
5600-0125-8	Pressure Sensor, Accubar® Gauge, RS-232, SDI-12, Analog 0-5VDC, and quadrature outputs

Highly accurate solid state pressure transducer measures air/dry gas pressures from 0 to 22 psi with a maximum pressure of 35 psi.

Specifications

Specifications subject to change without notice

Range	0 to 22 psi (0 to 50 feet of water)
Temperature	-40°C to +60°C
Vibration	0.5g @ 10-50 Hz
Over Pressure	35 psi
Units Supported	ft of H ₂ O, cm of H ₂ O, psi, kPa, user specified
Resolution	0.0001 psi (0.0001 ft of water)
Accuracy	0.1% of reading above 4.4 psi (10ft H ₂ O) 0.0044 psi (0.01ft H ₂ O) below 4.4 psi
Power Supply	8 to 28 VDC (reverse polarity protected)
Power Consumption	(-7) :RS-232 17 mA typ (-7) :SDI-12 6 mA typ (-7) :Standby 0.2 mA typ (-8) :RS-232 18 mA typ (-8) :SDI-12 9 mA typ (-8) :Standby 8 mA typ
Power specifications under no-load conditions	
Output	(-7) :RS-232, SDI-12, quadrature (-8) :RS-232, SDI-12, quadrature Analog 0-5VDC
RS-232 Data	Continuous or on demand
Baud Rate	1200 baud
Averaging Time	0 to 240 seconds (user selectable)
Pressure Fitting	Fitting for 1/8 in. OD tubing
Overpressure Protection	Internal blow-off valve trips at 30 psi nominal
Dimensions	3.14 in. x 4.92 in. x 2.24 in. excluding connectors
Weight	1.5 lbs
Electrical Connection	8 position terminal block and DB-9
Media Compatibility	Air or dry gas

