

BAROMETRIC PRESSURE SENSOR

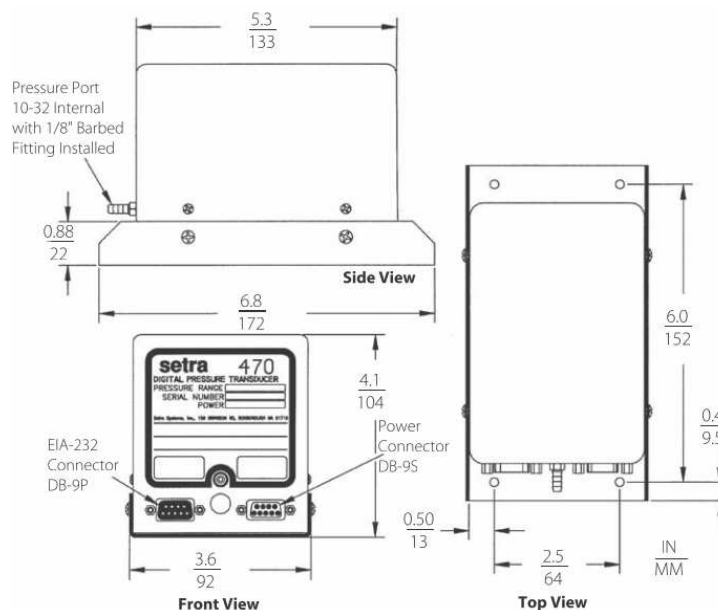
S 470

Setra Models 470 offer extremely high accuracy and unmatched stability in a digital output configuration. It is used as the barometric standard in Automated Surface Observation Systems (worldwide) where accuracy, stability and versatility are essential.



Specification

Barometric ranges	: 600 to 1100 hPa or 800 to 1100 hPa
Accuracy	: 0.1 hPa
Resolution	: 0.01hPa
Long-term stability	: $\pm 0,05\%$ FS in 1 year in the measuring range
Digital Output	: bidirectional RS-232 I/O Port
Operating Temperature	: -20 to +50°C
Supply Voltage	: 5 VDC $\pm 1\%$
Pressure Fittings	: Barbed Fitting for 1/8" I.D. Tubing
Pressure Connection	: 10-32 Internal Thread
Electrical Connections	
Excitation	: DB-9S, (9 Pin D-Subminiature Female): Pin: 3 GRD, 9 + 5 VDC
Communications	: DB-9S, (9 Pin D-Subminiature Male): Pin: 2 TXD, 3 RSX, 5 GRD
Operating Power	: 5 VDC $\pm 1\%$, 70 mA max.



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