



MUIR MATHESON
WEATHER MONITORING

PTB210 Series Barometer

20/02/2008



The PTB210 series digital barometers are designed for various pressure ranges. The barometers are available with two basic configurations: serial output for 500...1100 hPa and 50...1300 hPa and analogue output with different scaling between 500...1300 hPa for 0.5 V and 0...25 V. The rugged corrosion-resistant housing in combination with the PTB210's compact size facilitates easy installation and insures a long lifetime of service. The PTB210 can be integrated directly with the Muir Matheson SO/37 Static Pressure Head.

Manufacturer

Vaisala

Measurement Range

50...1100hPa, 500...1100hPa

Accuracy at 20 °C

±15hPa (Class A)
±20hPa (Class B)
±30hPa (Analogue Output)

Operating Environment

-40...+60°C (Temperature Range)
Humidity range - non-considering

Inputs and Outputs
Operating Voltage

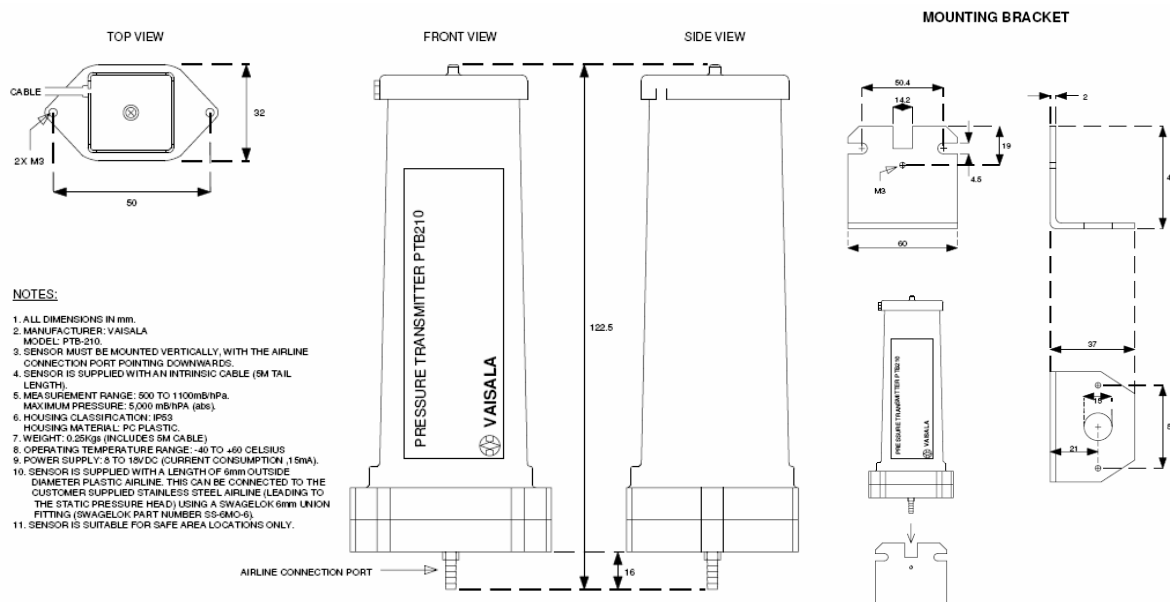
8..18VDC (reverse polarity protected)

Outputs

RS-232C, 0-5VDC or 0-2.5VDC (analogue output sensor), RS-485, non-isolated (optional) (digital output sensor)

Material
Instrument Weight
Ratings

Plastic
110g
Electronics: IP65
Sensor: IP53



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