
Barometric Pressure Sensor

Model 61205V

The Model 61205V Barometric Pressure Sensor is a versatile electronic barometer featuring high accuracy, low power, wide operating temperature range and calibrated voltage outputs.

Low power consumption and wide temperature range make the 61205V ideal for remote applications using battery or solar power. The accuracy, which is better than ± 0.5 hPa (mbar), is maintained over the entire pressure and temperature ranges.

Standard pressure scale for analog outputs spans 600 to 1100 hPa (mbar). Narrower ranges may be selected via software menu.

The 61205V is designed for mounting in a weather proof enclosure. Mounting holes on the case allow for panel mounting with holes 1 inch on centre.

The Model 61205V barometer requires no regular maintenance. Periodic calibration certification, if required, is available from the factory.

Specifications

Pressure Range	600 to 1100 hPa (mbar)
Operating Temperature	-50 to +60°C
Analog Output	0 to 2500 mV Standard range 600 to 1100 hPa (mbar) Other ranges user settable
Accuracy	± 0.5 hPa (mbar) at -50 to +60°C
Update Rate	2 seconds
Resolution	0.1 hPa (mbar)
Power	7 to 30 VDC at 9 mA
Case	Fiber-reinforced Thermoplastic
Weight	Net 1 lb. Shipping 2 lbs.
Size	2.2 x 7.2 x 14 cm



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