

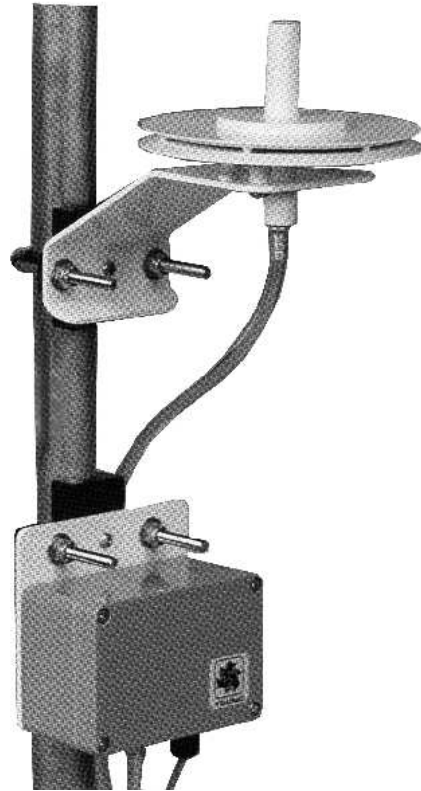
WS-61202 Barometric Pressure Sensor

The WS-61202 Barometric Pressure Sensor is an accurate electronic barometer.

Output signals are available as 4-20mA or 0-5VDC analog signals. All models offer serial output as standard in addition to the analog output. Only one output can be configured at a time. Configuration is by internal jumpering.

For meteorological and utility applications where continuous power is available, the model WS-61202 is fully compensated for superior performance over a wide range of temperatures. For outdoor use, the use of model WS-61002 Pressure Port is recommended. The Pressure Port minimises dynamic pressure errors due to wind.

A U-bolt mounting is supplied for easy attachment to towers and masts.



SPECIFICATIONS:

Operating range:
800-1100mB (23.6-32.5 inches Hg)

Output:
0-5 VDC (model WS-61202V)
4-20mA (model WS-61202L)

Serial RS232/RS485 (all models)

Operating Temperature:
-50°C to +60°C

Accuracy:
±0.25mB (0.01 in Hg) at 20°C
±1.0mB (0.03 in Hg) at over temperature range.

Supply Voltage:
12 to 30VDC, 10mA (WS-61202V)
12 to 30VDC, 20mA (WS-61202L)

Dimensions:
118mm W x 73mm H x 54mm D (excluding mounting)

Ordering Information

Barometric Pressure Sensor with 0-5VDC analog output	WS-61202V
Barometric Pressure Sensor with 4-20mA analog output	WS-61202L
Pressure Port with offset bracket	WS-61002

WS61202-1.0-1

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