

WS-61302

Barometric Pressure Sensor

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

Two models are available offering flexibility in signal output.

The WS-61302L has 4-20mA analog output and offers RS232 or RS485 communications as well.

The WS-61302V has 0-5VDC analog output and offers RS232 communications as well.

The transmitter is very compact and a weatherproof enclosure is available for outside use.

For outdoor use, the use of model WS-61002 Pressure Port is recommended. The Pressure Port minimises dynamic pressure errors due to wind.



SPECIFICATIONS:

Operating range:
500hPa-1100hPa

Output:
0-5 VDC plus RS232 (model WS-61302V)
4-20mA plus RS232 or RS485 (model WS-61302L)

Operating Temperature:
-40°C to +60°C

Accuracy:
±0.2hPa at 25°C
±0.3hPa over temperature range.

Supply Voltage:
WS-61302V - 7 to 30VDC, Vout: 2.8mA, RS232: 7mA
WS-61302L - 7 to 30VDC, 4-20mA: 25mA max,
RS232/RS485: 7mA

Dimensions:
90mm x 80mm x 20mm

Ordering Information

Barometric Pressure Sensor with 0-5VDC analog output	WS-61302V
Barometric Pressure Sensor with 4-20mA analog output	WS-61302L
Weatherproof enclosure	WS-61360
Pressure Port with offset bracket	WS-61002

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AMALGAMATED INSTRUMENT CO PTY LTD

ACN: 001 589 439

Unit 5, 28 Leighton Place Hornsby
NSW 2077 AUSTRALIA

Telephone: +61 2 9476 2244
Facsimile: +61 2 9476 2902

e-mail: sales@aicpl.com.au
Internet: www.aicpl.com.au