



Suitable for Wind-Farm Power Performance Measurements

Overview

The 092, manufactured by Met One, is a barometric pressure sensor that is commonly used with the WMS100 for wind-farm power performance measurements. It has a polycarbonate

casing and a metal weather shield, so it is rugged and weatherproof. You can use it indoors or outdoors, and it provides digital and analog outputs.

Specifications

Measurement Range	600 to 1100 hPa (17.72 to 32.48 in./hg)
Elevation	Sea level to 3048 m (10,000 ft)
Resolution	0.1 hPa
Long-Term Stability	±1.0 hPa in 1 year
Analog Output	0 to 1 Vdc, 0 to 2 Vdc, 0 to 2.5 Vdc, or 0 to 5 Vdc (Analog output automatically adjusts from zero to full scale for range selected.)
Digital Output	RS-232, RS-485, and SDI-12
Digital Protocol	ASCII Terminal Mode, RTU for RS-232 and RS-485
Baud Rates	1200, 2400, 4800, 9600, 19.2k bps

Power Requirements	10 mA @ 12 Vdc (typical)
Power Range	6 to 16 Vdc
Operating Temperature Range	-40° to +55°C
Compensated Temperature Range	-40° to +55°C
Accuracy	<ul style="list-style-type: none"> › ±0.35 hPa (@ 20°C) › ±1.0 hPa (±0.03 in Hg) over full range › ±0.5 hPa (over any 200 hPa range)
Dimensions	12.0 x 8.0 x 5.5 cm (4.72 x 3.14 x 2.16 in.)
Weight	250 g (8.8 oz)

For comprehensive details, visit: www.campbellsci.com/p092 