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TECH NOTE OEM1-101

Measuring the Voltage Output Of the Sensor Module

It is often useful to measure the output of the OEM-1's sensor module. First, connect a DC voltmeter to the pins of J3 as shown below and connect the power to the OEM-1..



The voltage should read 1.0 volts when the sensor is exposed to ozone at the concentration of its full range.

This the 1.0 ppm sensor module shown will have an output of 1.0 volts when it is being exposed to 1.0 ppm of ozone, The .1 ppm sensor module will have a 1.0 volt output at .1 ppm and the 10 ppm sensor module will have a 1.0 volt output at 10 ppm.

If these calibration checks are not within 20%, the sensor module should be replaced or recalibrated at Eco Sensors, Inc.