



MPS Relative Humidity Sensor

The MPS Relative Humidity Sensor measures humidity in the air. It works with standard 0-5 v output data logging.

Wiring

Red – Input Voltage - 8-24 VDC positive
Black – Sensor Ground - Ground (Negative)
Shield – Ground
White – Output Signal - 0-5 V – To Data Logger 0-5 V Analog Input Channel
Green – Not used

Calibration

Calibration is 0% Humidity = 0 VDC and 100% Humidity = 5VDC.

Relative Humidity	Voltage Output
5	.25
10	.50
15	.75
20	1.00
25	1.25
30	1.50
35	1.75
40	2.00
45	2.25
50	2.50

Relative Humidity	Voltage Output
55	2.75
60	3.00
65	3.25
70	3.50
75	3.75
80	4.00
85	4.25
90	4.50
95	4.75
100	5.00

If you have any more questions we have a Frequently Asked Questions page at our web site as well as the telephone tech support. Thank you for your purchase of this MPS product. All products sold by MPS are for use at closed course competition events and not for use on public streets or highways.