

wind heading sensor

Heading (Degrees)	Resistance (Ohms)	Output Voltage @3.3Vin with 10K resistor	ADC Output (calc.)	ADC Output (Real)	total resistance
0	33.0E+3	2.5E+0 N	1525	1530	43.0E+3
22.5	6.6E+3	1.3E+0	812		16.6E+3
45	8.2E+3	1.5E+0 NE	922	878	18.2E+3
67.5	891.0E+0	270.0E-3	167		10.9E+3
90	1.0E+3	300.0E-3 E	186	161	11.0E+3
112.5	688.0E+0	212.4E-3	132		10.7E+3
135	2.2E+3	595.1E-3 SE	369	337	12.2E+3
157.5	1.4E+3	407.8E-3	253		11.4E+3
180	3.9E+3	925.9E-3 S	574	534	13.9E+3
202.5	3.1E+3	788.6E-3	489		13.1E+3
225	16.0E+3	2.0E+0 SW	1260	1212	26.0E+3
247.5	14.1E+3	1.9E+0	1198		24.1E+3
270	120.0E+3	3.0E+0 W	1890	1965	130.0E+3
292.5	42.1E+3	2.7E+0	1654		52.1E+3
315	64.9E+3	2.9E+0 NW	1774	1784	74.9E+3
337.5	21.9E+3	2.3E+0	1405		31.9E+3