



## 3 BAR MAP SENSOR

5V maximum input voltage

32 cells are calculated, for 16 or 8 cell input, use every other, or fourth cell as necessary

<b>Voltage</b>	<b>Kpa</b>	<b>BAR</b>	<b>PSI</b>	<b>in. Hg (Vac.)</b>
<b>0.500</b>	0	0	-14.50	29.92
<b>0.629</b>	9.7	0.097	-13.10	27.02
<b>0.758</b>	19.4	0.194	-11.69	24.13
<b>0.887</b>	29.0	0.290	-10.29	21.23
<b>1.016</b>	38.7	0.387	-8.89	18.34
<b>1.145</b>	48.4	0.484	-7.48	15.44
<b>1.274</b>	58.1	0.581	-6.08	12.55
<b>1.403</b>	67.7	0.677	-4.68	9.65
<b>1.532</b>	77.4	0.774	-3.27	6.76
<b>1.661</b>	87.1	0.871	-1.87	3.86
<b>1.790</b>	96.8	0.968	-0.47	0.97
<b>1.919</b>	106.5	1.065	0.94	NA
<b>2.048</b>	116.1	1.161	2.34	NA
<b>2.177</b>	125.8	1.258	3.74	NA
<b>2.306</b>	135.5	1.355	5.15	NA
<b>2.435</b>	145.2	1.452	6.55	NA
<b>2.564</b>	154.8	1.548	7.95	NA
<b>2.693</b>	164.5	1.645	9.35	NA
<b>2.822</b>	174.2	1.742	10.76	NA
<b>2.951</b>	183.9	1.839	12.16	NA
<b>3.080</b>	193.5	1.935	13.56	NA
<b>3.209</b>	203.2	2.032	14.97	NA
<b>3.338</b>	212.9	2.129	16.37	NA
<b>3.467</b>	222.6	2.226	17.77	NA
<b>3.596</b>	232.3	2.323	19.18	NA
<b>3.725</b>	241.9	2.419	20.58	NA
<b>3.854</b>	251.6	2.516	21.98	NA
<b>3.983</b>	261.3	2.613	23.39	NA
<b>4.112</b>	271.0	2.710	24.79	NA
<b>4.241</b>	280.6	2.806	26.19	NA
<b>4.370</b>	290.3	2.903	27.60	NA
<b>4.500</b>	300.0	3.000	29.00	NA