



1 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

Voltage	Kpa	BAR	PSI	in. Hg (Vac.)
0.500	0	0	-14.50	29.92
0.629	3.2	0.032	-14.03	28.95
0.758	6.5	0.065	-13.56	27.99
0.887	9.7	0.097	-13.10	27.02
1.016	12.9	0.129	-12.63	26.06
1.145	16.1	0.161	-12.16	25.09
1.274	19.4	0.194	-11.69	24.13
1.403	22.6	0.226	-11.23	23.16
1.532	25.8	0.258	-10.76	22.20
1.661	29.0	0.290	-10.29	21.23
1.790	32.3	0.323	-9.82	20.27
1.919	35.5	0.355	-9.35	19.30
2.048	38.7	0.387	-8.89	18.34
2.177	41.9	0.419	-8.42	17.37
2.306	45.2	0.452	-7.95	16.41
2.435	48.4	0.484	-7.48	15.44
2.564	51.6	0.516	-7.02	14.48
2.693	54.8	0.548	-6.55	13.51
2.822	58.1	0.581	-6.08	12.55
2.951	61.3	0.613	-5.61	11.58
3.080	64.5	0.645	-5.15	10.62
3.209	67.7	0.677	-4.68	9.65
3.338	71.0	0.710	-4.21	8.69
3.467	74.2	0.742	-3.74	7.72
3.596	77.4	0.774	-3.27	6.76
3.725	80.6	0.806	-2.81	5.79
3.854	83.9	0.839	-2.34	4.83
3.983	87.1	0.871	-1.87	3.86
4.112	90.3	0.903	-1.40	2.90
4.241	93.5	0.935	-0.94	1.93
4.370	96.8	0.968	-0.47	0.97
4.500	100.0	1.000	0.00	0.00