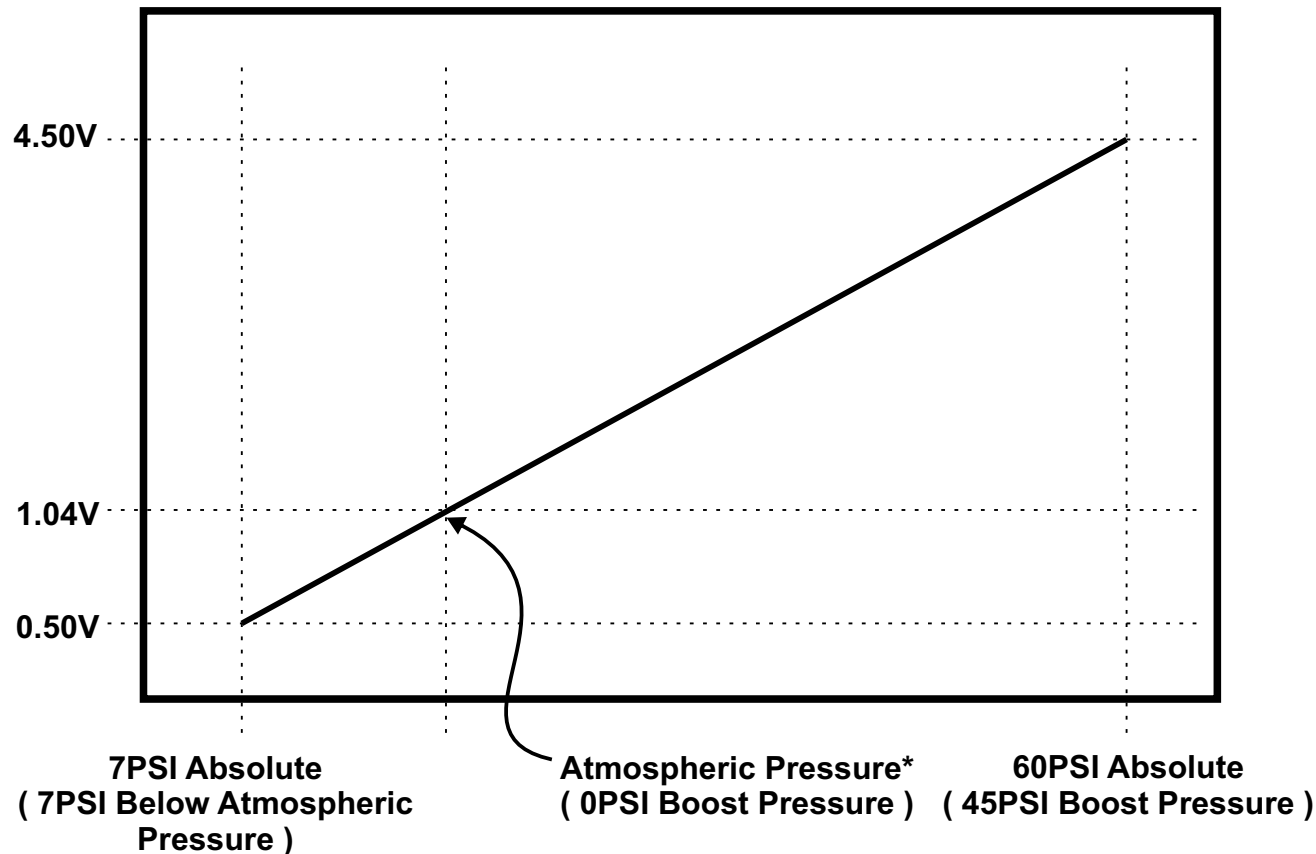




Pressure Vs Voltage

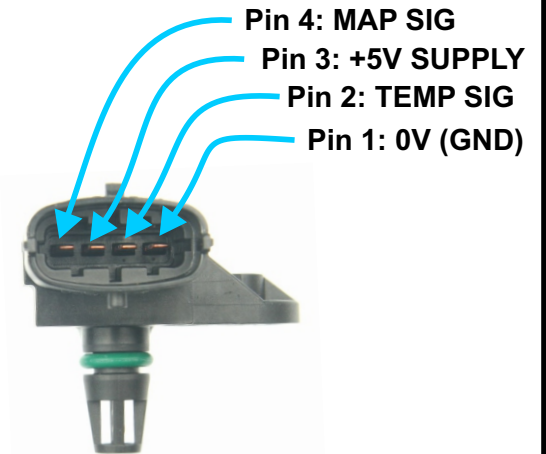


*NOTE: This is an estimate of the voltage as Atmospheric Pressure changes with altitude and weather conditions

NOTES:

Absolute Pressure is any pressure above a complete vacuum. This sensor can measure above and below atmospheric pressure.

This is an active sensor. Do not use a pull-up resistor on the signal of this sensor. The output is driven to the correct voltage by the electronics inside the sensor.



APPLICATIONS:

This sensor is most often used as a MAP sensor to monitor engine intake vacuum and pressure for an engine management system.

Max Boost Pressure - 45PSI

**Bosch 4 Bar MAP and
Temperature Sensor
P/N H-MAP4-ATS**

Drawing Revision 1 - 20/5/2016



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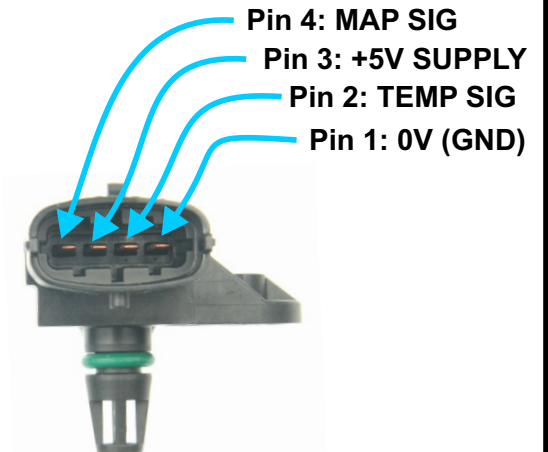
(03) 9873 5955
+613 9873 5955

Resistance Vs Temperature Data Table

Temp C	Ohms	Temp C	R Ohms
-40	45,303	60	595.4
-30	26,108	70	435.6
-20	15,458	80	322.5
-10	9,395	90	243.6
0	5,895	100	144.2
10	3,791	120	112.7
20	2,499	130	89.280
25	2,056		
30	1,706		
40	1,174		
50	833.8		

NOTES:

This is a passive sensor and requires the use of a pull-up resistor on the signal of this sensor. This pull-up resistor is usually located inside your engine management system.



APPLICATIONS:

This sensor is most often used as an intake air temp sensor to monitor engine intake air temperature for an engine management system.