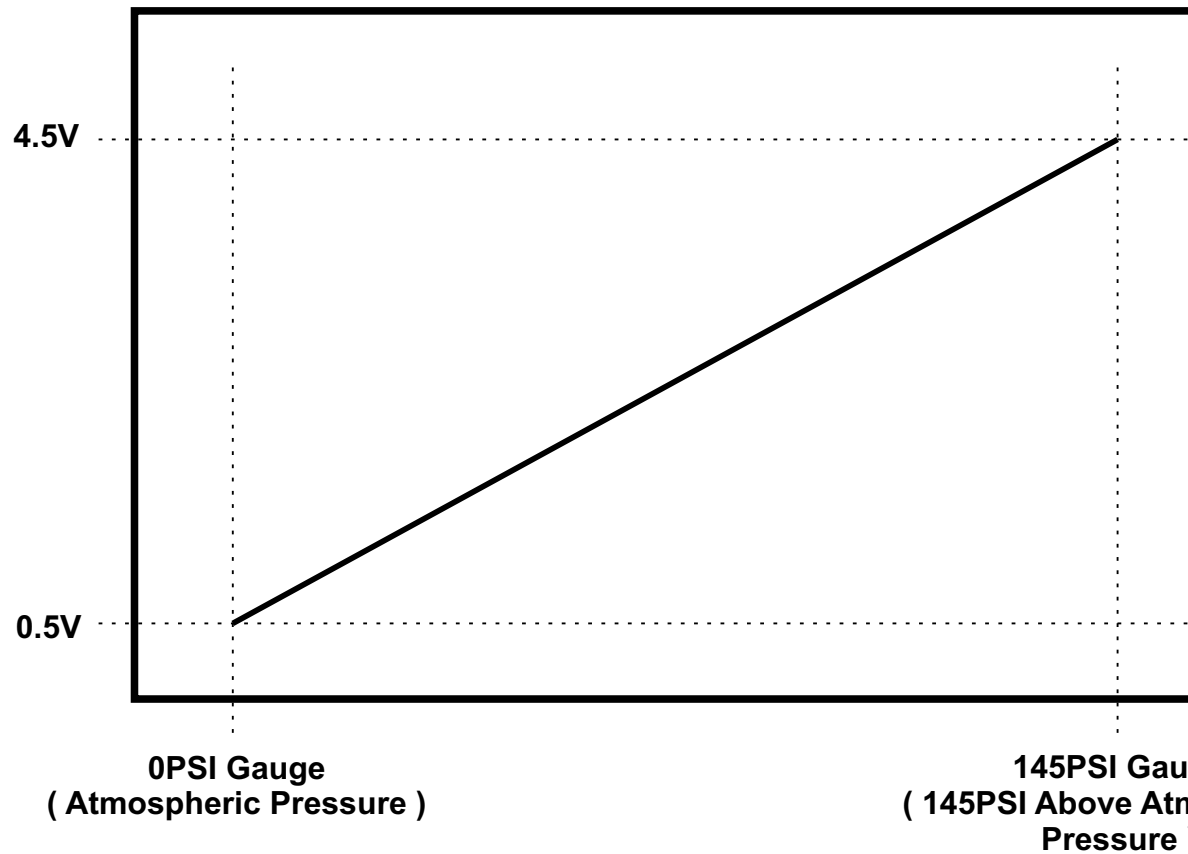




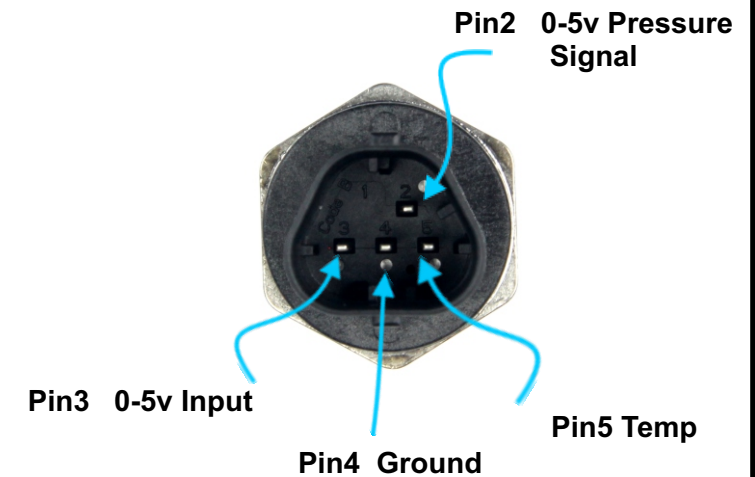
Pressure Vs Voltage



NOTES:

Gauge Pressure is pressure above atmospheric pressure. You might also think of it as "boost pressure".

This is an active sensor. Do not use a pull-up resistor on Pin 2 .
The output is driven to the correct voltage by the electronics inside the sensor.



APPLICATIONS:

This sensor is most often used to monitor fuel and oil pressure & temperature.

**Bosch 145PSI Gauge
Pressure & Temperature Sensor
P/N H-PS150-AT-B
Drawing Revision 1 - 6/12/201**



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NOTES:

Thread : M10x1
Temperature Range : -40 to 140 C
Housing Material : Stainless Steel
Mating Connector : C-05FR6
Optional Adaptor
(M10x1 to 1/8NPT) : H-PS150-ADPT

Suitable for Engine Oil, most Gasoline and Diesel Fuels

Unloaded Resistance Vs Temperature Data Table

Temp C	Ohms	Temp C	R Ohms
-40	44,864	70	434.9
-30	25,524	80	323.4
-20	15,067	90	243
-10	9,220	100	186.6
0	5,784	110	144.5
10	3,740	120	113.3
20	2,480	130	89.9
30	1,683	140	71.9
40	1,167		
50	824		
60	594		

with 4.6k pull up resistor

with 4.6k pull up resistor

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