

145 PSI (10 BAR) BOSCH PRESSURE AND TEMP. SENSOR OPS-131

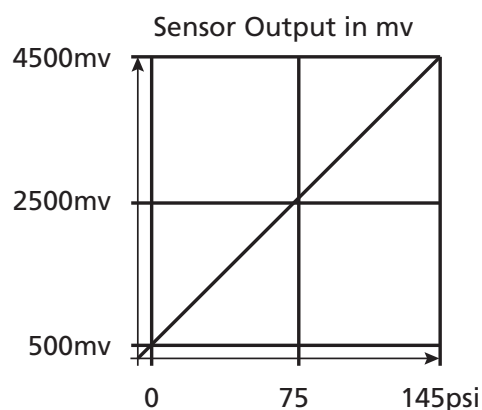
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CALIBRATION

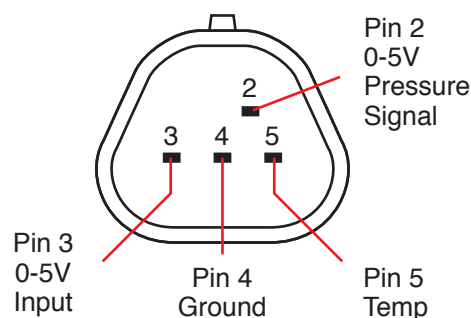
0 Psi = 0.5v

145 Psi = 4.5v



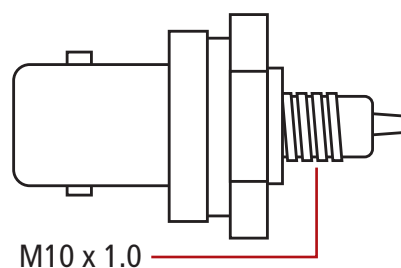
WIRING LOOKING INTO SENSOR

PIN	Description
2	0 – 5V Pressure Signal
3	0 – 5V Input
4	Ground
5	Temp Signal



This is an active sensor. Do not use a pull-up resistor on Pin 2.

CONNECTOR KIT : CPS-151



UNLOADED RESISTANCE VS TEMPERATURE DATA TABLE

Temp °C	Ohms	Temp °C	Ohms	Temp °C	Ohms	Temp °C	Ohms
-40	44,864	10	3,740	60	594	110	144.5
-30	25,524	20	2,480	70	434.9	120	113.3
-20	15,067	30	1,683	80	323.4	130	89.9
-10	9,220	40	1,167	90	243	140	71.9
0	5,784	50	824	100	186.6	(With 4.6K Pull-Up Resistor)	

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