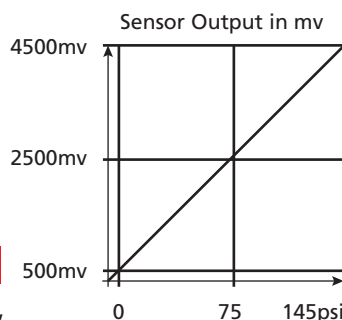


145 PSI (10 BAR) MOTORSPORT PRESSURE & TEMP SENSOR OPS-509

RACEWORKS™
PASSION FOR PERFORMANCE

Designed for fluids such as Fuel & Oil. Can also be used for Wastegate Pressure and in CO2 Systems. Raceworks recommended these sensors are not be mounted directly into the fuel rail or engine block; rather are remotely mounted and connected via a flexible hose. If required, use Pressure Sensor Extension Hose RWM-005.

Part No.
OPS-509

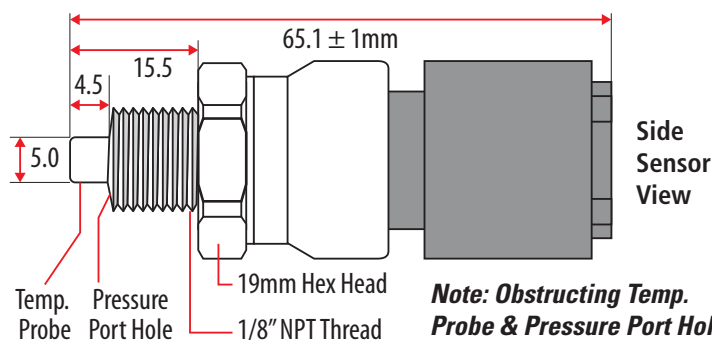
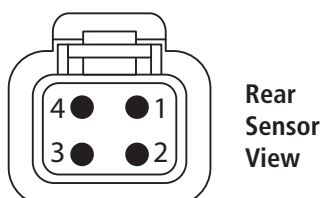


CALIBRATION

0 Psi G = 0.500v 145 Psi G = 4.500v

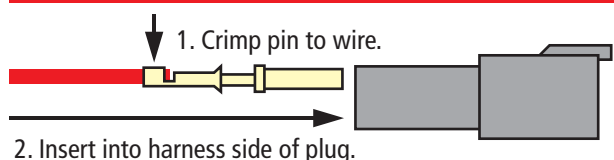
WIRING DETAILS

PIN	Description
1	Pressure Output
2	Temp. Output
3	Signal Ground
4	Power 5VDC



Note: Obstructing Temp. Probe & Pressure Port Hole will disrupt output accuracy

CONNECTOR KIT CPS-120



Use tool RWT-005 to crimp the pins.



Connector Kit included. Replacement Connector is CPS-120

SPECIFICATIONS

- Premium Compact Sensor with Stainless Steel Body
- 0-5 Volt, 1/8" NPT, Inc Plug & Pins

Temp. (°C)	Resistance (Ω)	Voltage (1k Pull-Up @ 5VDC)
-40	45660	4.893
-35	35170	4.862
-30	25840	4.814
-25	19730	4.759
-20	15210	4.692
-15	11830	4.61
-10	9270	4.513
-5	7322	4.399
0	5826	4.268
5	4662	4.117
10	3757	3.949
15	3049	3.765
20	2490	3.567
25	2046	3.359
30	1691	3.142
35	1405	2.921
40	1174	2.7
45	985	2.481
50	831	2.269
55	704	2.0066
60	599	1.873
65	512	1.693
70	439	1.525
75	378	1.372
80	327	1.232
85	283	1.103
90	246	0.987
95	214	0.881
100	187	0.788
105	164	0.704
110	144	0.629
115	127	0.563
120	112	0.504
125	99	0.45
130	87	0.4
135	78	0.362
140	70	0.327