



14Point7 Sensor Specifications



CUTTING EDGE IN MOTION

EGT Probe Specifications

- k type thermocouple
- Closed junction
- Ungrounded junction
- 1/8" NPT male
- 0[C] to 1200[C]
- 6.5ft length

Boost/Vacuum Sensor Specifications

PSI	-29	-14.5	0	7.25	14.5	21.75	29.0	36.25	43.5
Output Voltage	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0

Fluid Temperature Sensor Specifications

- 1/8" NPT male

°F	68	86	104	122	140	158	194	212	230	248	266	284
Ω	2084	1393	951	662	469	338	184	139	106	82	64	51

Oil and Fuel Pressure Sensor Specifications

- 1/8" NPT male

PSI	0	14.5	29	43.5	58	72.5	87	101.5	116	130.5	145
Ω	3	17	34	51	68	85	102	119	133	147	160



CUTTING EDGE IN MOTION

Air Intake Temperature Sensor Specifications

- 3/8" NPT male

NOTE: Temperature Sensor Calibration
Resistance Gauranteed by 100%
Automated Calibration Certification

Temp (°C)	Res (Ohms)	Res (±%)	Ref Acc (±°C)
-40	99326	10.46	1.60
-35	71332	10.00	1.50
-30	51791	9.55	1.50
-25	37994	9.11	1.50
-20	28146	8.67	1.50
-15	21044	8.25	1.40
-10	15873	7.83	1.40
-5	12073	7.42	1.40
0	9256	7.02	1.30
5	7153	6.72	1.30
10	5572	6.43	1.30
15	4373	6.14	1.30
20	3457	5.85	1.30
Temp (°C)	Res (Ohms)	Res (±%)	Ref Acc (±°C)
25	2752	5.56	1.20
30	2205	5.28	1.20
35	1778	5.00	1.20
40	1443	4.72	1.10
45	1177	4.45	1.10
50	965	4.18	1.10
55	796	3.94	1.00
60	660	3.71	1.00
65	551	3.47	1.00
70	462	3.24	0.90
75	389	3.01	0.90
80	329	2.79	0.80
85	279	2.57	0.80
Temp (°C)	Res (Ohms)	Res (±%)	Ref Acc (±°C)
90	238.1	2.35	0.80
95	203.9	2.13	0.70
100	175.3	2.00	0.70
105	151.3	2.24	0.80
110	131.0	2.45	0.90
115	113.9	2.63	1.00
120	99.4	2.79	1.00
125	87.0	2.92	1.10
130	76.4	3.03	1.20
135	67.3	3.11	1.20
140	59.4	3.18	1.30
145	52.6	3.22	1.30
150	46.7	3.24	1.40

Important: The values above are for the unloaded thermistor, as shipped from Delphi Packard Electric, and does not reflect the effects of application system errors and aging.