

Date: 7/14/2009

S/N: BB2FB-227

Thermistor Calibration

Thermistor output in degrees C can be derived using the equation:

$$\text{Temperature} = (\text{Output} \times \text{slope}) + \text{intercept}$$

R²	0.9997		
Slope	-0.0057 °C/count		
Intercept	72.4664 °C		
Temp. change rate	0.30 °C/min		
Temp range	35.15 °C max	2.45	°C min
Nominal accuracy	0.01 °C		
RMSE	0.1920		

Pressure Sensor Calibration

Pressure sensor output in dBars can be derived using the equation:

$$\text{Pressure} = (\text{Output} \times \text{slope}) + \text{intercept}$$

R²	1.0000
Slope	0.0377 dBar/count
Intercept	-34.4372 dBar
Maximum output	10050 counts
Maximum pressure	334.74 dbars 500 psi

