



Date: May 23, 2011

S/N: FLNTUSB-735

Thermistor Calibration

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

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

R ²	0.9996			
Slope	-0.0057	°C/count		
Intercept	72.2183	°C		
Temp. change rate	0.29	°C/min		
Temp range	35.51	°C max	2.38	°C min
Nominal accuracy	0.01	°C		
RMSE	0.2097			

Pressure Sensor Calibration

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

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

R ²	-0.9999			
Slope	0.032	dBar/count		
Intercept	-43.85	dBar		
Maximum output	10100	counts		
Maximum pressure	137	dBars		