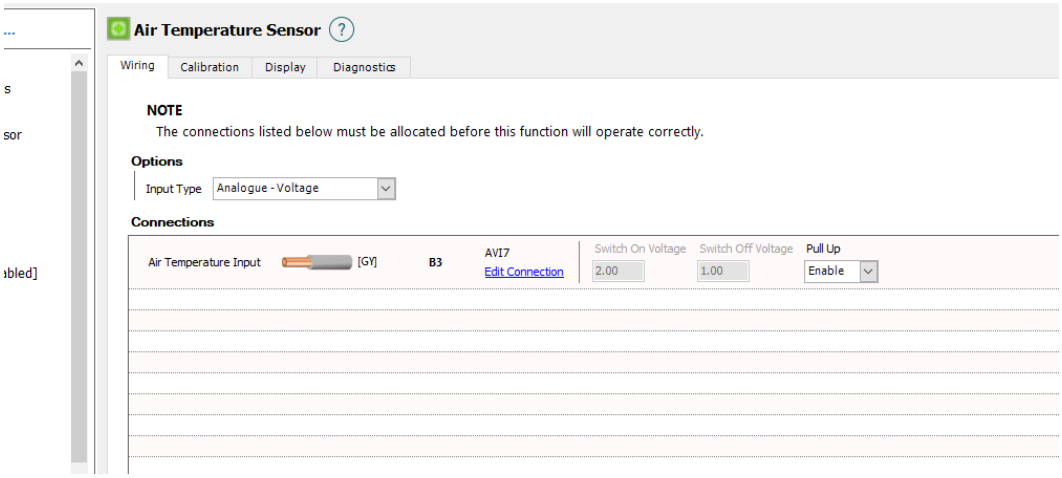
Liquid Temperature Sensor Calibration

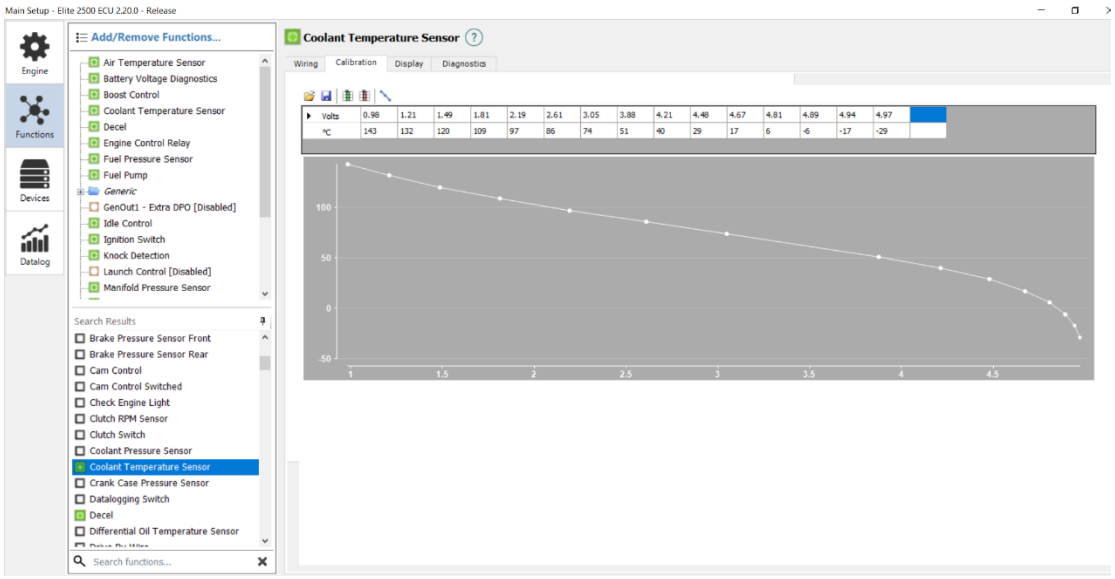
Haltech ECU's place some constraints on resistance inputs (20,000Ω), This requires the user to utilize the "Voltage – Analogue" sensor input feature on the ECU. Using the resistance input function would limit the minimum temperature to ~50°F on the Rife Liquid Temperature sensor.

To set up your sensor in the Haltech software, go to Main Setup>Functions>Coolant Temperature. Set Input Type to "Analogue – Voltage" and make sure Pull Up is set to "Enable".

The "Wiring" Page should look like this (disregard title):



The “Calibration” page should look like this:



That’s it, save and upload to ECU.

The calibration table is below, if you have any questions, don’t hesitate to call your dealer or RIFE at 805-987-7867

RIFE SENSORS by TBM

Haltech

LT Sensor Calibration Table

	Temp°C	Temp°K	Temp°F	Voltage
1	-29	244	-20	4.972
2	-17	256	1	4.943
3	-6	267	21	4.892
4	6	279	42	4.807
5	17	290	63	4.673
6	29	302	83	4.479
7	40	313	104	4.213
8	51	325	125	3.876
9	63	336	145	3.480
10	74	348	166	3.048
11	86	359	187	2.610
12	97	371	207	2.192
13	109	382	228	1.813
14	120	394	249	1.486
15	132	405	269	1.210
16	143	416	290	0.984