KPower 86 Flex Fuel Haltech Setup

In the Haltech ESP software, you'll need to go into the Main Setup. In the Functions tab, search for flex fuel composition/temperature sensor and select it. Click on "Edit Connection" and assign it to pin B8 (SPI1). Set the Edge Select to Rising, Sensor Type to Hall Effect, Pull Up to Enable, and Frequency Time Constant to 1.

In the Calibration - Temperature tab of the Flex Fuel Composition/Temperature Sensor section, you'll need to click on Load and find the file named "Temperature - DigitalFuelCompositionSensor - Haltech.cal" and open it to load it.

Main Setup - El	ite 1500 ECU 2.45.2 - Release						_		\times
*	E Add/Remove Function	IS O Flex Fuel Composition/Tem	Flex Fuel Composition/Temperature Sensor ?						
Engine	Cam Control	Miring Sampling Threshold - Fuel	Calibration - Fuel	Display - Fu	el Calibration - Temperature	Display - Temperature	Diagnostics		
Functions	Open $\leftarrow \rightarrow \checkmark \uparrow$ \checkmark Window	∠ Search Calibrations							
 ^	Organize 🔻 New folder								
Devices Detalog	Downloads * ^ N. Documents * Pictures * Saved Pictures * Saved Picture * Saved	Ame A Stay Tim Module 1 b12 Decal HT-010504.cal Rotay Tim Module 1 b12 Decal HT-010504.cal Rotay Tim Module -5 to 6 Decal HT-010504.cal Rotay Tamperature - 80xch 150 PSI HT010920.cal Rotay Temperature - 80xch 150 PSI HT010920.cal Rotay Temperature - 80xch 100 PSI HT010920.cal Rotay Temperature - 80xch 4000 PSI HT010920.cal Rotay Temperature - Ford BA-BF Falcon 16 NA 01 Sensor.cal Rotay Temperature - Ford BA-BF-FG Falcon 16 Valo 261 230 098 T Rotay Temperature - Ford BA-BF-FG Falcon 16 NA 0261 230 027 T Rotay Temperature - Ford BA-BF-FG Falcon 16 NA 0261 200 027 T Rotay Temperature - Ford BA-BF-FG Falcon 16 NA 0261 200 027 T Rotay Temperature - Ford BA-BF-FG Falcon 16 NA 0261 200 027 T Rotay Temperature - Ford BA-BF-FG Falcon 16 NA 0261 200 027 T Rotay Temperature - Ford BA-BF-FG Falcon 16 NA 0261 200 027 T Rotay Temperature - Ford GA-BF-FG Falcon 16 NA 0261 200 TMA-D Rotay Temperature - Ford FG Falcon 16 NA 0261 230 129 TMAP Rotay Temperature - Ford FG Falcon 16 NA 0261 230 129 TMAP	Date modified 1/07/2021 11:49 AM 1/6/2021 11:49 AM	Type CAL File CAL File	Size 1 NO 1 NO 1 KB 1 KB 1 KB 1 KB 1 KB 1 KB 1 KB 1 KB	4	4.5	5	
	File name:	emperature - DigitairueiCompositionsensor - Haitech.cai			Open Cancel				
Profile: ELIT						OK	Cancel	Apply	

Once this is done, click "Apply" and reboot the ECU. The window should look like this after you've set everything up:

Main Setup - E	ilite 1500 ECU 2.45.2 - Release		- 🗆 ×							
*	i≘ Add/Remove Functions	Elex Fuel Composition/Temperature Sensor ?								
Engine	Cam Control Cam Control Switched Charle Control Switched	Wiring Sampling Threshold - Fuel Calibration - Fuel Display - Fuel Calibration - Temperature Display - Temperature Display - Temperature	agnostics							
H	Check Engine Light O Clutch Switch O Coolant Temperature Sensor	The connections listed below must be allocated before this function will operate correctly.								
	Cruise Control Decel	Connections Connections Fixs Fuel Composition/Temperature Sensor Input Fixs Fuel Composition/Temperature Sensor Input Fix Fuel Composition/Temperature Sensor Inpu	Frequency Time Constant							
Devices	Drive By Wire Engine On/Off Control Engine Protection									
iiil	Flex Fuel Composition/Temperature 5									
Datalog	Search Results 4									
	 Flex Fuel Composition/Temperature Se Fuel Level Sensor 									
		<	>							
	Q fle 🗙									
Profile: ELITE DEFAULT View I/O Report (List of Wiring Allocations) OK Cancel										

Once complete, you'll need to visit your local dyno tuner for a flex fuel tune.