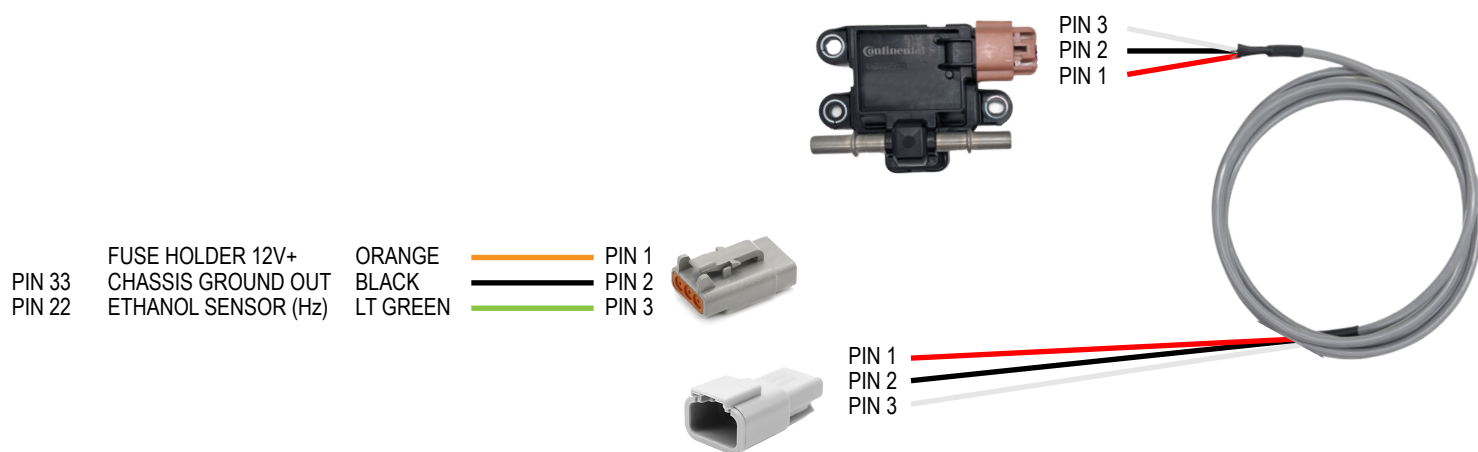


WIRING AUXILIARY INPUTS

The RE|FLEX has two auxiliary inputs that can be used to allow for additional sensors to relay information over CANbus to the DME or ECU. These inputs are pre-configured for specific purposes.

Auxiliary Input 1 is configured for ethanol content and assigned to Pin 22. The RE|FLEX comes prewired with a 3 pin connector that connects to the optional MOTIV RE|FLEX Plug-N-Play Ethanol Sensor Harness. Plug the other end of the optional harness into the connector on your ethanol sensor. This harness provides the required 12v+ switched and chassis ground to the ethanol content sensor, as well as bringing the content signal from the sensor back to Pin 22 on the RE|FLEX.



The second auxiliary input is for sensors that can be used to monitor any pressure source from 0-10 BAR. Some cars come without low pressure fuel sensors so this is the perfect way to monitor and possibly utilize the optional CANbus integrated safeties such as low pressure trips under load. The MOTIV RE|FLEX 0-10 Bar Pressure Sensor can monitor low pressure fuel, oil pressure, coolant pressure, exhaust gas back pressure and many others. The RE|FLEX uses a sensor that provides a current which is proportional the pressure. Our sensor includes a 3/8" SAE EFI adapter with 1/8" NPT ports for the sensor to be affixed to. If you are using it for any other pressure source, then you will need to have an 1/8" NPT port for it to screw into (always use thread paste or teflon tape on NPT threads). Simply connect the 2 pin connector on the main RE|FLEX harness to the 2 pin connector on the pressure sensor. Pin 23 on the RE|FLEX is setup for the pressure input signal from our pressure sensor and the other is a 12v+ switched supply.



Please consult your tuner for any questions you may have. Incorrect wiring during installation can and will damage your RE|FLEX and void the warranty. If you have any further questions, please email support@motivmotorsport.com.