

Data Sheet: Air-Fuel Ratio / Ethanol Content Gauge

Type: Digital Display Gauge
Size: 52mm
Illumination: White LED (Dimmable)
Construction: Aluminium
Connection: 7 Wire, 20AWG
Power: 12VDC

Inputs:

Illumination Dimmer
Flex Fuel Sensor Input: 50Hz - 150Hz
Wideband controller Analog Input: 0v-5v

Outputs:

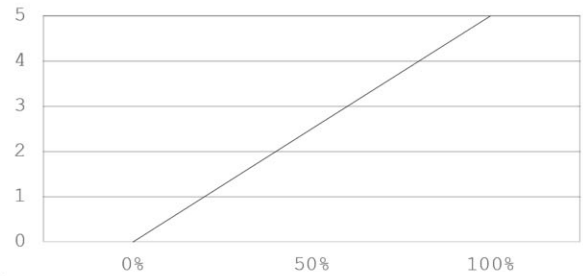
Ethanol Content Analog Output: 0v-5v

Display:

Ethanol Content %: 50Hz-150Hz = 0%-100%
Wideband Air/Fuel Ratio: 0v-5v = AFR 10-20

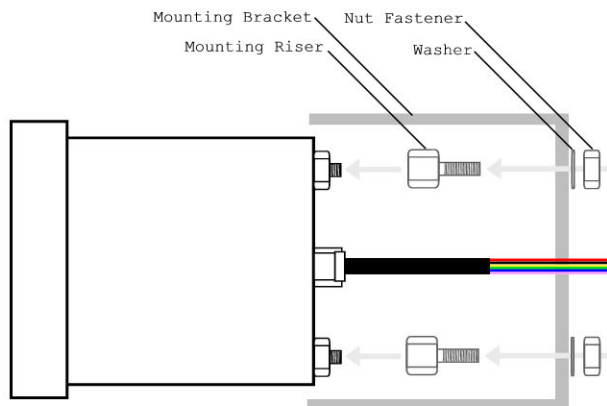
Analogue Output:

Ethanol 0-100% = 0-5 Volts

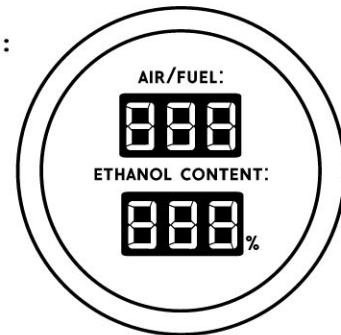


Installation:

Side View:



Front View:



Pink Wire - Ethanol Content Output
(Analogue 0-5V)

Blue Wire - Ethanol Signal Input

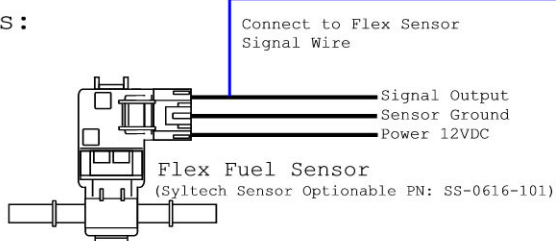
Green Wire - Air/Fuel Ratio Signal Input

Red Wire - Switched 12VDC

Black Wire - Ground

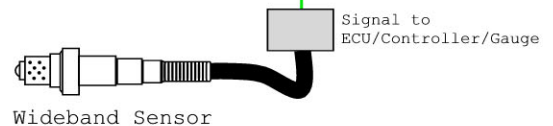
Yellow Wire - Illumination

Inputs:



Connect to Flex Sensor
Signal Wire

Connect to Wideband Sensor
Output Signal Wire



Note: If flex fuel sensor output signal is only connected to the Syltech gauge (not a shared output), a pull-up resistor may be required between flex fuel sensor output & 12v.
Sensor Output Pull-Up Resistor rating: 2.2 - 10.0kΩ