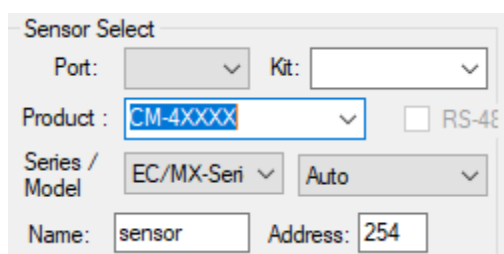


LuminOX Sensor Connection to GasLab® Software

In GasLab, the LuminOX development kits CM-42951 and CM-42991 are referred to as Product CM-4XXXX.

You should fill out either the “Product” menu, or the “Series/Model” menus. You should not use both at the same time.

For the LuminOX sensor devkit, select “CM-4xxxx”, it will automatically select “EC/MX – Serial”



The screenshot shows a 'Sensor Select' dialog box with the following fields:

- Port: [dropdown]
- Kit: [dropdown]
- Product: [CM-4XXXX] (highlighted with a blue box)
- RS-485: ☐
- Series / Model: [EC/MX-Seri] (dropdown)
- Auto: [dropdown]
- Name: [sensor]
- Address: [254]

When Gaslab gets the “CM-4xxxx” designation, it questions the EC/MX Sensor, “Are you an Oxygen Sensor”? If the Smart Sensor responds, then Gaslab knows it is an Oxygen Sensor and puts “Oxygen” on the graph. If the sensor does not respond to the Oxygen question, then Gaslab assumes it is a CO2 Sensor and puts CO2 on the graph.

There are 3 reasons why the Oxygen Sensor might come up as a CO2 Sensor:

1. If the Black 10 Pin Connector is not plugged in correctly. Make sure it is not plugged in backwards.
2. If a wire is broken in the Development Kit Cable (possible but not likely).
3. If the MX board was not programmed correctly (not likely).

Make sure the “Locking Tab” on the black connector is facing “outward”, away from the sensor. If it is plugged in correctly, gently flex the cable near the black connector after selecting the “Connect:” button. If it intermittently comes up as “Oxygen”, then it is a bad cable.