technical bulletin



The Carbon Dioxide (CO_2) Sensor (510-2001) is designed to detect carbon dioxide levels in a building environment. It can measure CO₂ values between 0 and 10,000 PPM. The default scale for the sensor is 0 to 2,000 PPM. Note that this sensor was previously listed as P/N 210-2001. For ordering, use P/N 510-2001.

Installation

sensor.

Warning! Make sure the sensor is turned off before installing to avoid personal injury or damage to the

- 1. Detach the front enclosure of the sensor from the rear section (the rear section serves as the sensor mounting plate).
- 2. Using the screws provided in the sensor package, secure the mounting plate to a solid wall or junction box.
- 3. Wire connections as directed (*see Figure 2*).
- 4. Re-attach the front enclosure to the mounting plate by snapping it into position and securing with the screw provided.

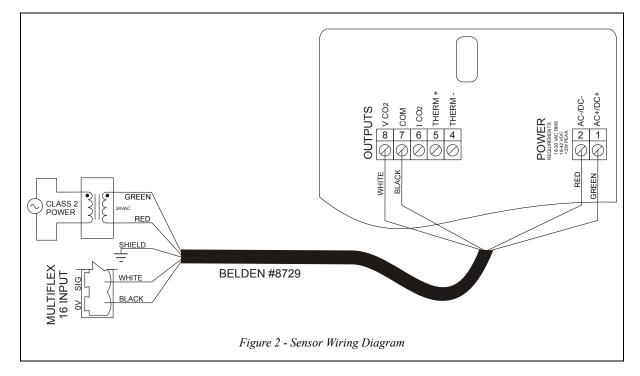


Figure 1 - Carbon Dioxide Sensor (This sensor (pictured above) is manufactured by General Electric Company (GE) and is a registered trademark of that company.)

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Programming

- 1. Press Log Information and log in to the E2 with Level 4 access.
- 2. Press + to view the INPUT STATUS screen.
- 3. Use the arrow keys to highlight the correct board and point for the CO2 sensor.
- 4. Press **F1** to create an analog input.
- 5. Type in the desired name for the point in the **Point Name** field.
- 6. Use the arrow keys to highlight the **Sensor Type** field and press **F4** to change the sensor type to **CO2 Level**.
- 7. Press to accept the sensor input.

			Unit 1 📓 INPUT	FULL	11:13:0 *ALARM
		1206	INFOI	FULL	ALABI
	Board/Point #		4 2		
	Point Name				
	Sensor Type				
	Select Eng. Unit				
	Default on Open				
	Default on Short				
	Default Other				
	Change Delta		0.0100		
	Multi. Factor	-	1.0		
	Sensor Offset	:	9		
	perties ? None				
Modify	? None				
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Modify OCCUPANCY	? None		:		L,
Modify Occupancy Output	? None	or T	: : ype Select		Ĺ,
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