



**NOTIFICATION:** Discontinuation of the CO2 Area Sensor, part number 210-2003  
**EFFECTIVE DATE:** **10/25/2017**

**EOL REASON:** Discontinued by the manufacturer

**LAST PURCHASE DATE:** Immediate

**LAST SHIP DATE:** Immediate

**CONTACT:** Emerson Sales Dept.

**ACTION REQUIRED:** Discontinuation of the CO2 Area Sensor part number 210-2003, effective 10/25/2017. The recommended replacement products are the MRLDS-550 809-1022 or the MRLDS-CO2 809-1020.

**Table 1 – End-of-Life (EOL) Product Description and Replacement Product Information**

Part Number of EOL Product	Product Description	Replacement Product Part Number	Replacement Product Description
<b>210-2003</b>	CO2 Area Sensor Wall Mount, 0-50,000 PPM, 0-5V out, Emerson labeled	<b>809-1020</b>	MRLDS-CO2, IR, CO2, 5,000ppm, IP66
		<b>809-1022</b>	MRLDS-550 IR, CO2, 50,000ppm, Std IP66

Notable differences of the replacement sensors:

- Both the MRLDS-CO2 and the new MRLDS-550 are in an IP66 case with extended temperature range of -40 to +122°F
- MRLDS-CO2 has a range of 0-5,000 PPM vs the 0-50,000 PPM
- MRLDS-550 has Modbus communication via RS485 and front display

	<b>CO2 Area Sensor (210-2003)</b>	<b>MRLDS-CO2 (809-1020)</b>	<b>MRLDS-550 (809-1022)</b>
Gas	CO <sub>2</sub>	CO <sub>2</sub>	CO <sub>2</sub>
Range	50,000 PPM	5,000 PPM	50,000 PPM
Display	-	-	Red 5-digit, 7-segmented LED and green status LEDs
Configurable Analog Outputs	1 Output: 4-20mA, 0-5V, 0-10V, 1-5V, 2-10V	1 Output: 4-20mA, 0-5V, 0-10V, 1-5V, 2-10V	2 Outputs: 4-20mA, 0-5V, 0-10V, 1-5V, 2-10V
Digital Output	-	-	Modbus RTU via RS485
Power Supply	12-24 VAC or 12-30VDC	12-24 VAC or 12-24 VDC	24 VAC or 19.5-28.5 VDC
On-board Relays	2 relays	1 relay	3 relays, SPDT, user assignable
Enclosure	IP30	IP66	IP66
Size (W x H x D)	3.35" x 5.59" x 2.09" 86 x 142 x 53 mm	6.89" x 6.5" x 3.29" 175 x 165 x 82 mm	8.3" x 8.9" x 3.4" 210 x 225 x 85 mm
Weight	6.3 oz / 180 g	1 lb 6 oz / 629 g	2 lbs / 1 kg
Temp Range	-4 to 122°F -20 to 50°C	-40 to +122°F -40 to +50°C	-40 to +122°F -40 to +50°C
Approvals	CE, UL CSA / IEC 61010	CE, UL CSA / IEC 61010 / EXd	CE, UL / CSA / IEC EN 61010-1