

PRODUCT SPECIFICATIONS

Doc. No. CO03D-PD01

X-SENSE®
Ultimate Safety Experts



Carbon Monoxide Alarm

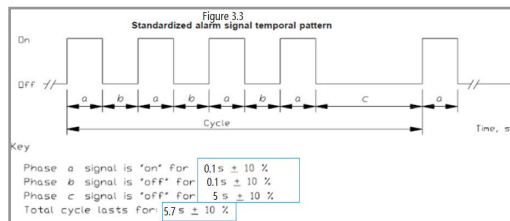
CO03D

Technical Specifications

Sensor Type	Electrochemical CO sensor
Operating Voltage	4.5 V DC
Battery Type	3 × 1.5 V AA batteries
Standby Current	< 20 uA (The average standby current is less than 20 uA during a 10-minute test.)
Alarm Current	< 45mA
Audibility Level	> 85 dB @ 1 m
Operating Ambient Temperature	40-100 °F (4.4-37.8 °C)
Operating Relative Humidity	≤ 85% (non-condensing)
Safety Standard	EN 50291
Product Life	10 years

Working Modes

Power On	After the batteries are installed, the buzzer delivers a "beep" and the LCD screen lights up. The red, green and yellow LED indicators will flash in sequence for 8 times. Then the LCD backlight and LED indicators will turn off and the unit will enter the standby mode.
Standby Mode	The green LED indicator flashes once every 60 seconds.
Test Button	<ul style="list-style-type: none"> • Test your alarm by holding the TEST/HUSH button until the unit beeps once and the red LED flashes once, then release the test button. • Once the alarm is in the test mode, the blue backlight will be lit, and the alarm will deliver 2 sets of 4 beeps, finally sounding 1 beep. The red LED indicator will flash with the alarm sound. • To silence the unit during an alarm. • To test the unit's electronics and check the alarm function.
Silence Function	<ul style="list-style-type: none"> • If you press the TEST/HUSH button during an alarm state, the alarm will enter the silence mode. If the CO concentration still exceeds the alarm threshold within 6 minutes, the unit will enter the alarm state again. • Silence duration: Approx. 9 minutes
Exiting an Alarm	When the CO concentration drops below the alarm threshold after an alarm state, the alarm signal stops, the green LED indicator will continuously flash once per second for 5 seconds and then enter the standby mode.
Low Battery Warning	<ul style="list-style-type: none"> • Low voltage range: 3.45-3.55 V DC • The yellow LED indicator flashes together with 1 beep every 60 seconds.
End of Life	Once the maximum lifetime (10 years) is reached, the alarm beeps twice and the yellow LED indicator flashes twice every 30 seconds. If you press the Test/Hush button, the alarm will be silenced for 3 days (72 hours). This function can be used 10 times in 30 days. After 30 days, the end-of-life signal cannot be silenced.
Fault Indication	The buzzer issues 2 quick beeps every 40 seconds and the yellow LED indicator flashes 1 to 4 times every 40 seconds.
Alarm Mode	4 beeps every 5.8 seconds. After 4 minutes, 4 beeps per minute. The red LED indicator flashes with the alarm sound.



CO Sensitivity

CO Concentration Sensitivity	CO Concentration	LCD Reading Range	Alarm Response Time
	50+3/-2 PPM	50 ± 20%	60-90 minutes
	100+3/-2 PPM	100 ± 20%	10-40 minutes
	300+3/-2 PPM	300 ± 20%	< 3 minutes