

PRODUCT SPECIFICATIONS

Doc. No. CD03-PD02

X-SENSE[®]
Ultimate Safety Experts



EASY INSTALLATION

Carbon Monoxide Alarm

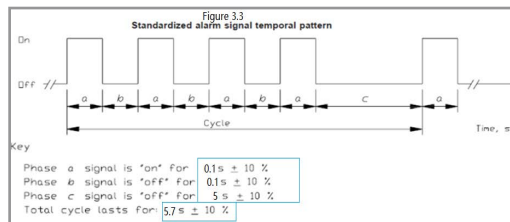
CD03

Technical Specifications

Sensor Type	Electrochemical CO sensor
Operating Voltage	3 V DC
Battery Type	3.0 V lithium battery
Standby Current	BAT < 6 μ A (The average standby current is less than 6 μ A during a 10-minute test.)
Alarm Current	BAT < 60 mA
Audibility Level	> 85 dB @ 3 m
Operating Ambient Temperature	32 to 104 °F (0 to 40 °C)
Operating Relative Humidity	≤ 85% (non-condensing)
Safety Standard	EN 50291
Product Life	10 years

Working Modes

Powering On	After the unit is fully mounted into the mounting bracket, it will automatically turn on. The LED indicator will blink 8 cycles (red/green/yellow) in sequence. Afterwards, the LED indicator will turn off, and the unit will enter the standby mode.
Standby Mode	The LED indicator flashes green once every 60 seconds.
Silence Function	<ul style="list-style-type: none"> • If you press the Test/Silence 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 threshold after an alarm state, the alarm signal stops, and then LED flashes green 5 times once every second. After that the unit enters the normal standby state.
Low Battery Warning	<ul style="list-style-type: none"> • Low voltage range: 2.65-2.75 V DC • The LED indicator flashes yellow together with 1 beep every 60 seconds.
End of Life	Once the maximum lifetime (10 years) is reached, the alarm beeps twice and the LED indicator flashes yellow twice every 30 seconds. If you press the Test/Silence 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 alarm delivers 2 beeps approximately every 40 seconds and the LED indicator will flash yellow 1 to 4 times.
Test Button	<ul style="list-style-type: none"> • When testing the alarm weekly, press the test button until you hear a short beep, indicating that the alarm has entered the test mode. • Once the alarm is in the test mode, the alarm will deliver 2 sets of 4 quick beeps, to indicate the alarm is operating normally. The LED indicator will flash red with the alarm sound. • To silence the unit during an alarm. • To test the unit's electronics and check the alarm function.
Alarm Mode	The unit delivers 4 quick beeps every 5.8 seconds. The LED indicator flashes red with the alarm sound.



CO Sensitivity

	CO Concentration	Alarm Response Time
CO Concentration Sensitivity	50+3/-2 PPM	60-90 minutes
	100+3/-2 PPM	10-40 minutes
	300+3/-2 PPM	< 3 minutes