

CO-8-P2-ZBS Series Carbon Monoxide Detector

Protecting What Matters Most



- Electrochemical sensor
- Self-diagnostics function
- Loud 85dB siren

The CO-8-P2-ZBS Series is a wireless ZigBee Carbon Monoxide Detector designed to detect the presence of Carbon Monoxide to ensure the safety of your family and your house. It detects the carbon monoxide that you can't see, smell or taste in the air. Additionally, CO-8-P2-ZBS Series uses electrochemical carbon monoxide sensor, capable of detecting Carbon Monoxide concentration as low as 50 ppm. According to the different levels of CO concentration detected, CO-8-P2-ZBS Series will notify the Control Panel in different time length and raise alarm with its built-in siren.

The CO-8-P2-ZBS Series' sensitivity conforms to EN-50291 requirements and will immediately raise alarm accordingly to the different levels of CO concentration detected. With battery-operated feature, you will have peace of mind that the alarm will continue to work even when the power goes out. Completely wireless, the CO-8-P2-ZBS Series' easy-to-install alarm can be mounted anywhere in your home and easily blend in with your home decoration.

Adopting ZigBee Pro HA 1.2 standard, the CO-8-P2-ZBS Series is compatible with other manufactures' ZigBee systems and can be conveniently integrated into new or existing ZigBee systems to deliver quality protection.

Features

- Electrochemical sensor to monitor CO level
- Self-diagnostics function to ensure optimal performance
- Loud 85dB siren for audio alert
- Built-in temperature and humidity sensor to detect temperatures from 0°C to 50°C (32°F to 122°F) and humidity from 0% to 99%RH (optional)
- Rate-of-rise heat detection when temperature exceeds 57.25°C (135.05°F) or rises by 8.5°C (15.3°F) per minute (optional)
- Over-The-Air (OTA) firmware update capability (optional)
- Excellent stability with high sensitivity
- Alarm silence button to quiet nuisance alarms
- Tri-color LED status indicator for visual notification
- Minimum power consumption with extended battery life
- Low Battery detection
- Randomized supervision signals to ensure system integrity
- Suitable for residential and commercial premises
- Wireless for easy and flexible installation
- Compatible with other manufacturer's ZigBee system
- EN-50291 compliant
- FCC and CE compliant

CO-8-P2-ZBS Series

Specifications

CO-8-P2-ZBS

Communication Protocol	ZigBee Pro Home Automation 1.2, 2.4GHz
Power Source	1.5V, AA Alkaline batteries x 3
Battery Life	9 years*
CO Measuring Range	0 to 450ppm
Alarm Concentration	30 to 999ppm
Response Time	< 3 minutes for a concentration of 300ppm 10 – 40 minutes for a concentration of 100ppm 60 – 90 minutes for a concentration of 50ppm
Siren Output	85 dB at 1 meter
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	130mm x 100mm x 41mm

CO-8-P2-RhTH-ZBS

Communication Protocol	ZigBee Pro Home Automation 1.2, 2.4GHz
Power Source	1.5V, AA Alkaline batteries x 3
Battery Life	8 years*
CO Measuring Range	0 to 450ppm
Alarm Concentration	30 to 999ppm
Response Time	< 3 minutes for a concentration of 300ppm 10 – 40 minutes for a concentration of 100ppm 60 – 90 minutes for a concentration of 50ppm
Siren Output	85 dB at 1 meter
Temperature Detection Range	0°C to 50°C (32°F to 122°F)
Humidity Detection Range	0% to 99%
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	130mm x 100mm x 41mm

* Note: Actual battery life may vary with product settings, operating environment, and usage.

Ordering Information

CO-8-P2-ZBS	Carbon Monoxide Detector with OTA firmware update capability
CO-8-P2-RhTH-ZBS	Carbon Monoxide Detector with temperature, humidity and heat detection