



Conventional Carbon Monoxide Detector S5-COD-20A

The conventional carbon monoxide (CO) detector is designed to detect the presence of carbon monoxide gas in residential and commercial environments. This detector continuously monitors CO concentration levels and triggers an alarm based on the gas concentration and a predefined response time. The device features a built-in alarm and an output relay, and it is also capable of connecting to a conventional fire alarm control panel, ensuring user safety through reliable and immediate alerts. The detector is easy to install and requires minimal maintenance, making it a cost-effective solution for monitoring CO levels in various applications. To maintain optimal performance, periodic testing and sensor calibration are recommended.



Features

- Designed based on EN 50291-1 standard
- Equipped with a relay output
- Features a built-in buzzer
- Compatible with SENS conventional control panels
- Utilizes SMT technology
- Stable and reliable performance
- Low power consumption
- Impact-resistant plastic casing
- Includes a test button
- Features LED status indicators
- Easy installation and operation



Technical Specifications

Power Supply Voltage	220 VAC, 50Hz
Buzzer Sound Level	≥ 85 dB at 1 meter distance
Sensor Life Time	3 years
Warm-up Time	50 seconds
Type	A
Operating Temperature	-10°C to 50°C
Humidity	90% (Non-condensing)
Dimensions	80 × 130 mm
Weight	140 g

Application

This carbon monoxide detector is designed for monitoring and detecting CO leaks in residential spaces, covered parking lots, and office environments, making it a reliable and efficient choice for installation in these areas.

Construction

The detector's housing and front cover are made of durable ABS plastic. The front cover opens and closes using a locking clip, providing easy access to the connection terminals and simplifying wiring and setup. The slots on the housing are designed to prevent insects and large particles from entering while allowing carbon monoxide gas to pass through without causing noticeable pressure drop.