CEM

DT-802

AIR QUALITY CO$_2$ MONITOR

Function Description

The Carbon Dioxide (CO$_2$ Monitor is designed for air quality control and health control by measuring Carbon Dioxide (CO$_2$) level in areas where it needs to be monitored, such as factories, schools, offices, transportation lines and so on. The measured CO$_2$ value in ppm (parts-per-million) will be displayed on the LCD with three states indication: Good (0 to 800ppm), Normal (800 to1200ppm), Poor (>1200ppm).

An acoustic alarm sounds when the CO$_2$ level is exceeding the defined level.

Safety

Environmental Conditions of Usage

- Relative Humidity < 90%RH (Non-condensation)
- Operating temperature: -5°C to 50°C
- Storage temperature: -10°C to 70°C

Safety Marking

Complies with European CE safety standards.

General Specification

Sensing Method	NDIR (non-dispersive infrared) CO$_2$
sensor Measurement Range	O to 9,999ppm CO$_2$
Resolution	1ppm
CO$_2$ Accuracy	±75 ppm or ±5% of reading
Temperature Range	23 to 122°F (-5°C to 50°C)
Resolution	0.1°C/°F
Temperature Accuracy	±1°C
Resolution	0.1% RH
Humidity Accuracy	±5%RH
Display	Date and Time Max/Min CO$_2$ value display function
Sampling Interval	2 seconds
Overload Indication	"-OL-"
Power Adapter	Input 110V-220V AC Output 6.0V DC
Operating environment	-5°C to 50°C (23°Fto 122 °F) at <90 %RH
Storage temperature	-10°C to 70°C at <90% RH

Accessories

Gift Box and Instruction Manual.