

CG500CO2 WIRELESS CO2 SENSOR

Description



- Support ZigBee wireless communication
- Based on IEEE 802.15.4
- 2.4GHz radio frequency
- Detect CO2 level
- For energy management use
- For air quality control use
- CO2 range 0 to 5000ppm (Estimated)
- Sampling and transmission rates are configurable
- Software programmable alert status
- Powered by DC6V, 300mA
- Wall mount design
- Easy to install

| Item | Specification |
|----------------------------------|---|
| Power Supply | DC6V, 300mA |
| Communication | ZigBee wireless remote control. Based on IEEE 802.15.4. standard 2.4GHz radio frequency |
| RF communication distance | 100M (open area) |
| CO2 range | 0-5000ppm (optional: 0-2000ppm) |
| Accuracy | +/-40ppm + 3% F.S (25 °C) |
| Reaction time | < 2 minutes |
| Pre-heat time | < 2 minutes (operate), < 10 minutes (max. accuracy) |
| Warm-up time | < 5 minutes |
| Operating temperature | 0°C to 60°C |
| Operating humidity | 5% to 95% non-condensing |
| Unit Dimension L x W x D (mm) | 86 x 117 x 41mm |
| Cabinet Dimension L x W x D (mm) | 86 x 86 x 41mm |
| Storage | -20°C to 60°C |

PRODUCT SPECIFICATION

CO2 and Air Quality Reference

| CO2 (ppm) | Air quality |
|--------------|---|
| >2000 | TERRIBLE Ventilation is required immediately. |
| 1500 - 2000 | BAD Heavily contaminated indoor air, ventilation is required. |
| 1000 - 1500 | MEDIOCRE Contaminated indoor air, ventilation is recommended. |
| 800 - 1000 | FAIR |
| 600 - 800 | GOOD |
| 600 or below | EXCELLENT |