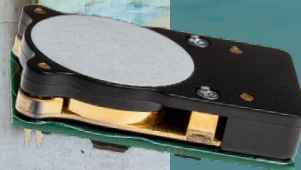


COZIR BLINK SENSOR

GC-0035



The CozIR®-Blink Sensor is an ultra low power CO2 sensor which enables customers to manage the power consumption based on their needs and overall application or industry.

FEATURES

- Solid-state, no moving parts, no heated filaments
- Vibration and shock resistant
- Digital (UART) and I2C output
- Extremely low power and energy consumption (32 mJ per measurement)
- Compact for easy instrumentation integration
- Long lifespan, low maintenance
- RoHS compliant
- Ideal for wireless, portable, wearable and self-powered systems
- Supports energy-efficient smart home environments

SPECIFICATIONS

- **Sensing Method:** Patented solid-state NDIR absorption
- **Measurement Range:**
 - 0-2000ppm
 - 0-5000ppm
 - 0-1%
- **Response Time:** 30 secs - 3 mins
- **Accuracy:** ±(45ppm +3% of reading)
- **Operating temperature range:** 0-50°C
- **Operating humidity range:** 0-95%RH (non-condensing)
- **Sensor Life Expectancy:** 15 years
- **Dimensions:** 1.22 x 0.77 x 0.31 in.

ELECTRICAL

- **Power Input:** 3.25 to 5.5V. (3.3V recommended)
- **Power Consumption:** User driven dependent on samples per measurement and time between measurements. Sensor in power cycled mode consumes no power between measurements
- **Connector:** 2 x 6-way 1.27mm header

INDUSTRIES



Indoor Air Quality



Agriculture



Modified Atmospheric Packaging



Safety