SENSECUBE

KCD-HC
CO2 Sensor (2%, 5%, 10%, 20%)

Our CO_2 gas sensors get a small deviation unlike NDIR Single type. So they keep long term stability.
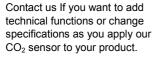
Excellent stability and accuracy
- through testing and calibration with sophisticated process and techniques

Easy application to
· Test facilities
· Cell incubators
· CO_2 Chambers
· Environment controlling system
· Environment monitoring system

NDIR type uses optical property to measuring CO_2 gas. We make up for a controller not to be affected by a shock and a wave(vibration).

But please consult with our engineers, if you use it under harsh environments (like construction sites).

■ SPECIFICATIONS

■ Measurement	Sensing Method	Dual Wavelength NDIR
	Measurement range	2%, 5%, 10%, 20%
	Accuracy[*]	±(3%F.S+2%Reading)
	Response time (63%)	< 65 sec
	Measurement time interval	0.75 sec

■ General	Warm up time	< 3 min
	Storage temperature	-40~70℃
	Weight	< 70g

■ Operating Conditions	Temperature	5 ~45℃
	Humidity	0~95%RH (Non-condensing)

■ Electrical	Power consumption	70mA average
	Power supply (rectified)	8~15VDC

■ Outputs	Analog Outputs	0~4VDC
	Communication	RS485

■ Dimensions	□ 53mm x H 53mm

Contact us If you want to add technical functions or change specifications as you apply our CO_2 sensor to your product.

Our engineers will support you.

* Under conditions of calibration facilities of production factory, @25℃ , intermediate value of detected ranges.
※ The recommended calibration interval is one year.
※ Specifications and images may change without prior notice.