

KCD-HC

CO₂ Sensor (2%, 5%, 10%, 20%)

Our CO₂ 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
- CO₂ Chambers
- Environment controlling system
- Environment monitoring system

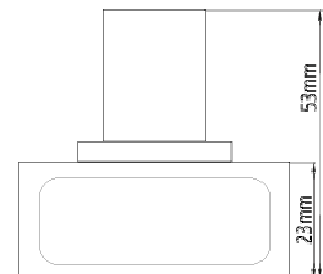
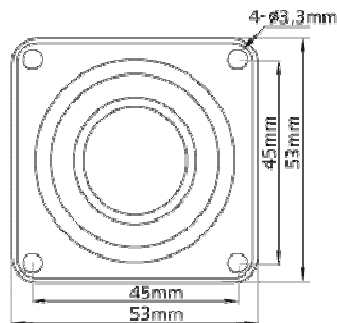
NDIR type uses optical property to measuring CO₂ gas. We make up for a controller not to be affected by a shock and a wave(vibration).

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 °C
	Temperature dependence	0.2% FS / °C
■ Operating Conditions	Temperature	5 ~45 °C
	Humidity	0~95%RH (Non-condensing)
■ Electrical	Power consumption	70mA average
	Power supply (rectified)	8~15VDC
■ Outputs	Analog Outputs	0~5VDC
	Communication	RS485
■ Dimensions	□ 53mm x H 53mm	



Contact us if you want to add technical functions or change specifications as you apply our CO₂ sensor to your product.

Our engineers will support you.

* Under conditions of calibration facilities of production factory, @25 °C , intermediate value of detected ranges.

※ The recommended calibration interval is one year.

※ Specifications and images may change without prior notice.