

## KCD-HS300



Our CO<sub>2</sub> 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<sub>2</sub> Chambers
- Environment controlling system
- Environment monitoring system

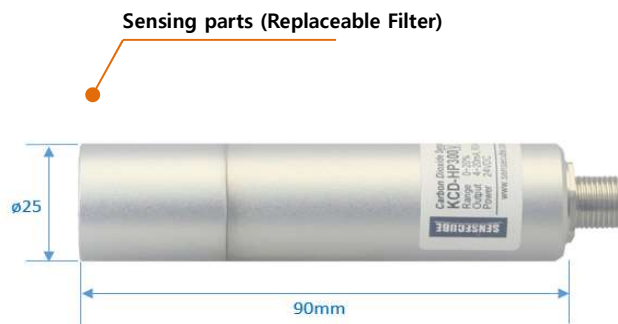
NDIR type uses optical property to measuring CO<sub>2</sub> gas. We make up for a controller not to be affected by a shock and a wave(vibration). But please consult with our engineers, if you use it under harsh environments (like construction sites).

## CO<sub>2</sub> Sensor Probe 10%. 20% Vol.

### ■ SPECIFICATIONS

<b>Measurement</b>	Measurement range	20%	10% (option)
	Accuracy	±(3% F.S.+2%Reading)	@25°C
<b>General</b>	Response time	< 65 sec	
	Initial start-up time	Within 1 min	
	Measurement time interval	1 sec	
<b>Operating Conditions</b>	Operating temperature	5 ~45°C	
	Humidity	~95%RH	Non-condensing
	Storage temperature	-40 ~ 70°C	
	Temperature dependence	0.2% FS / °C	
	Measurement flow speed	0.2~1 m/sec	
<b>Electrical</b>	Power supply	12~24VDC	
	Power consumption	70mA average	
<b>Outputs</b>	Communication	RS485	Modbus RTU
	Analog Output	4~20 mA, 0~20mA (0~5VDC, 0~10VDC option)	
<b>Dimensions</b>	Probe	Φ25 x 90mm	
	Weight	About 67g	
	Cable	3m, 5P	

### ■ Outside View



### ■ Cable

Brown	+ 12~24VDC
Black	GND
White	Analog output
Yellow	Voltage output
Blue	RS-485(-)
Green	RS-485(+)

※ Specifications and appearance are subject to change without notice.