



## GS23 CO<sub>2</sub> Transmitter(Indoor)



### | Features |

- Optional LCD display
- Measuring carbon dioxide
- 1 analog output or Modbus RS-485
- Optional analog output + RS-485
- Easy installation and maintenance
- Cost-effective and reliable
- Data can be logged and transferred to PC via RS-485 function link free software

### | Applications |

Monitoring the air quality in indoor environments / HVAC / Air conditioning / Museums / Supermarkets / Data centers / Warehouses

## | Specification |

### Display

Display	LCD module without backlight
Display readout	One line character
Digit	4 digits
Digit height	17.84 mm

### Input

CO <sub>2</sub>	NDIR sensor
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### Measuring range

CO <sub>2</sub>	0 ... 2000 PPM
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### Output

Analog output	0 ... 10 V / 4 ... 20 mA
Modbus	RS-485
Signal connection	3-wire
Load resistance	Max. 250 Ω for I output Min. 100 KΩ for V output
Warm-up time	<2 min ; Stable time 20 min
Response time	t90 <2 min
Sampling time	About 6 sec
Data logger	Via RS-485 by using eYc free software

### Accuracy(at +25°C ; 101.3 kPa)

CO <sub>2</sub>	±40 PPM ±3% of reading
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### Environment

Medium	Air
Operating Temp.	0 ... 50°C
Operating Humid.	0 ... 85%RH
Storage temperature	-20 ... + 60°C

### Electrical

Power supply	DC 24 V ±10% & AC 24 V ±10%
Current consumption	DC : 150 mA / AC : 120 mA
Starting current	DC 24 V : 250 mA AC 24 V : 230 mA
Electrical connection	Analog & communication : 4P connector

### Installation

Installation	Wall mount
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### Protection

IP rating	IP20
Electrical protection	■ Polarity protection ■ Short-circuit

### Certification

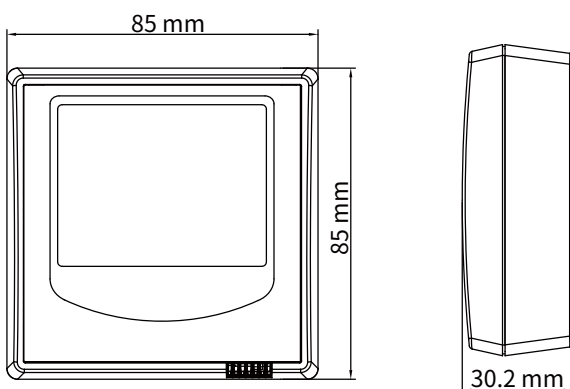
Certification	CE
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### Material

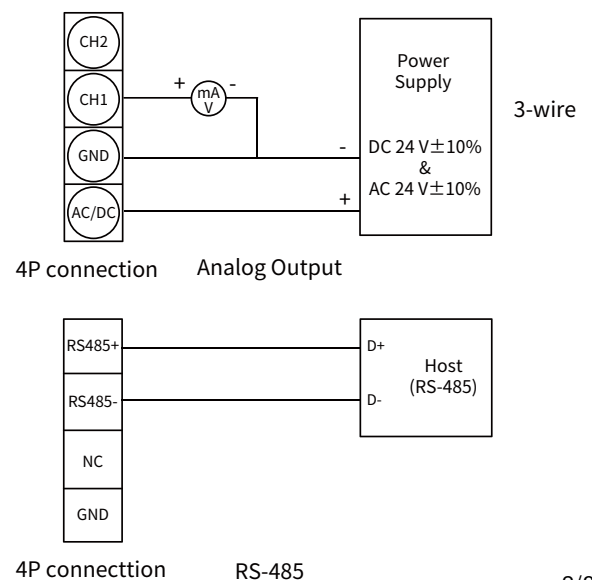
Housing	PC(PC-110)(UL94V-2)
Weight	100 g

\*Please make sure the product and the device which connect with RS-485 are on common ground, avoid damaged product.

## | Dimension |



## | Diagram |



# | Ordering Guide |

