

# CD7000 Series CO<sub>2</sub> Transmitter



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# CD7000 Series CO<sub>2</sub> Transmitter

Johnson Controls HT7000 series temperature transmitter is designed for office building, hospital, school and other application, which is a basic sensor product can detect the ambient CO<sub>2</sub> value. This product selects high precision sensing element and circuit to convert the measured value into analog signal output to compatible with Johnson Controls BAS system. By monitoring the CO<sub>2</sub> value of the environment, it can help improve the level of air quality and operation efficiency.



	HOSPITAL	OFFICE BUILDING	SCHOOL
Application occasion			



## Feature :

- NDIR technology
- Good long-term stability
- Long Lifecycle
- Two installation modes available



## Naming Rule :

CD7000	D	0
CD7000	CO <sub>2</sub> Transmitter	
	D	Type: D-Duct Type, W-Wall Mount
	0	Default Measurement range: 0-2000ppm



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## Selection Table:

Part Number	Measurement range	Installation Mode	IP Protection
CD7000D0	0-2000ppm	Duct Type	IP65
CD7000W0	0-2000ppm	Wall Mount	IP30



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## Specification:

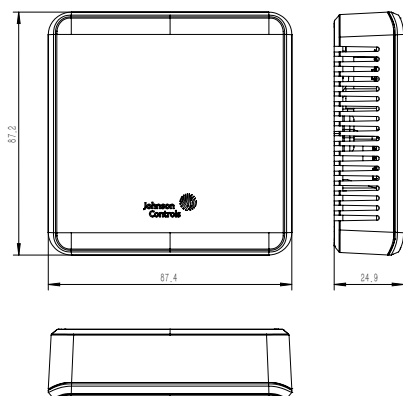
Sensing element	NDIR sensor, with ABC self-calibration function
Sensing principle	Diffusion
Sensor Design lifecycle	10 years
CO2 range	0-2000 ppm
Accuracy	± (50ppm+5% of reading)
Output	0-10V/4-20mA
Warm-up time	<180s
Response time	T90<=30s
Power	24VAC/DC±10%
Working environment	-10~50 ° C&0-95%RH (no condensation)
Storage environment	-20~70 ° C&0-95%RH (no condensation)
IP protection	IP30 Wall/IP65 Duct
Housing	ABS+PC (UL94-V0)



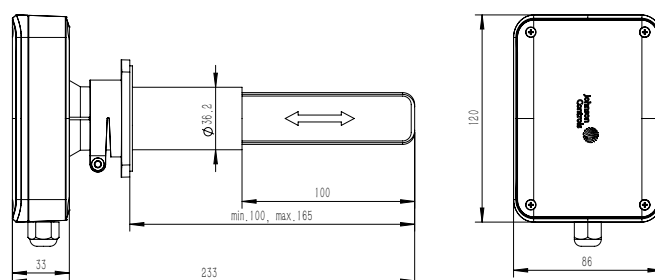
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## Dimension(mm):

### Wall Mount



### Duct Type



## Johnson Controls:

At Johnson Controls (NYSE:JCI) we transform the environments where people live, work, learn and play. As the global leader in smart, healthy and sustainable buildings, our mission is to reimagine the performance of buildings to serve people, places and the planet.

With a history of more than 135 years of innovation, Johnson Controls delivers the blueprint of the future for industries such as healthcare, schools, data centers, airports, stadiums, manufacturing and beyond through its comprehensive digital offering OpenBlue. With a global team of 100,000 experts in more than 150 countries, Johnson Controls offers the world's largest portfolio of building technology, software as well as service solutions with some of the most trusted names in the industry.

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