

# ACE Carbon Dioxide Transmitter



WITH DISPLAY



WITHOUT DISPLAY

Ace Carbon Dioxide Transmitters are designed for environment monitoring and controlling in industrial and commercial buildings.

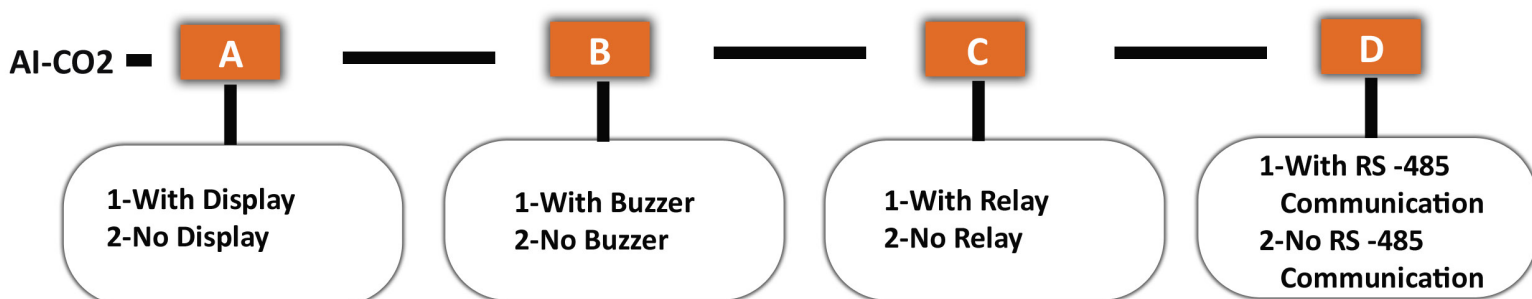
Applications: HVAC, greenhouse, landfill gas, confined space, cold storages, marine vessels, ventilation management, Mining, cellar & gas stores

Ace Carbon Dioxide transmitters are used extensively for indoor air quality monitoring supply exhaust and return air monitoring in demand control ventilation.

## Features:

- High performance NDIR sensors and circuits, ensure accurate measurement and temperature compensation. Good long term stability and reliability with 15 Years of Sensor Life.
- Smart & small form factor
- Digital technology, multiple selectable analog outputs.
- Optional features like Relay output, In built buzzer alarm & RS 485 Modbus Communication. Option of transmitter with / without display

## ORDERING INFORMATION



## Specifications

<b>Manufacturer</b>	ACE Instruments
<b>Model</b>	AI-C02-DT With Display / AI-C02-T Without Display
<b>Measuring Range</b>	0-2000 ppm / 0-5000 ppm (selected at time of ordering)
<b>Accuracy</b>	400-5000 ppm +/- 30 ppm +/- 3% of reading 400-2000 ppm +/- 25 ppm +/- 3% of reading
<b>Output</b>	4-20mA / 0-10 VDC(user field selectable)
<b>Display</b>	LCD Display(Optional)
<b>Operating Conditions</b>	-10 to +60°C(14°F to 140°F) 0 to 95% RH,non Condensing
<b>Storage Conditions</b>	-10 to +60°C
<b>Calibration Interval</b>	Not required
<b>Response Time</b>	< 3 minutes for 90% step change
<b>Warm up Time</b>	< 2 minutes (optional)/ 10 minutes max.accuracy
<b>Power Supply</b>	24 VDC,200 mA
<b>Relay</b>	Optional 1No. Relay Output(NO/CO/NC) rated 2 Amps
<b>Buzzer Alarm</b>	Optional In Built Buzzer low level or high level Alarm
<b>Instrument Housing</b>	ABS Plastic Wall Mounting Type Enclosure
<b>Communication</b>	(optional) RS 485 Modbus Communication
<b>Size</b>	100(H) X 85(W) X 25(D) mm



## ACE INSTRUMENTS

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