

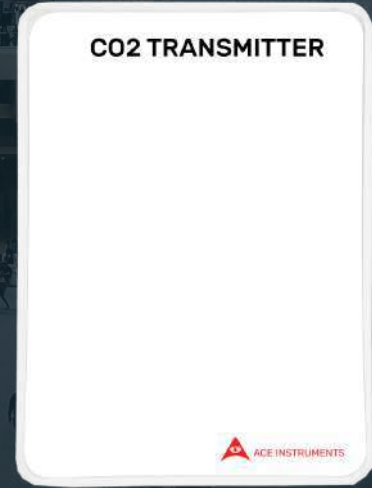
Carbon Dioxide (CO2) Transmitter



With Display



Model: AI-CO2



Without Display

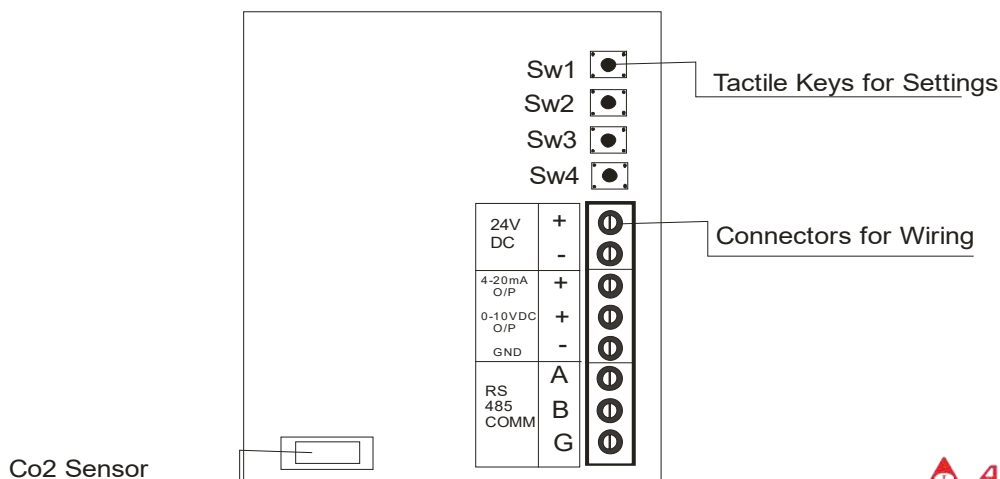
Features:

- Swiss photoacoustic (PAS) sensor
- Available with/without display and duct mounting enclosure
- Range options upto 20,000 ppm
- LCD Display
- RS-485 Modbus communication (optional)
- Relay output (optional)
- Optional buzzer alarm

Know your air and monitor CO2 levels with the Ace Instruments Carbon Dioxide Transmitter (AI-CO2). The transmitter is available in wall (with/without display) and duct mounting enclosures. The transmitter boasts the latest in sensing technology with a Swiss photoacoustic sensor for reliable monitoring. Ranges are available upto 0-20,000 ppm.

The instrument offers optional RS-485 communication, programmable buzzer alarm and relay outputs. It is suited for demand control ventilation in commercial buildings and multiple industrial applications including cold storage monitoring, greenhouse monitoring, confined spaces and hospital laboratories.

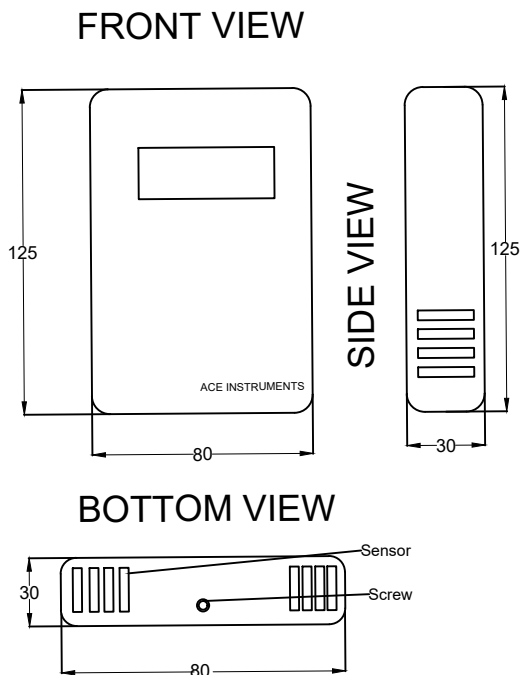
Wiring Diagram:



Specifications:

| | |
|---------------------------|--|
| Range | Options: 0-2000ppm, 0-5000ppm, 0-10,000 ppm, 0-20,000ppm (selected at time of ordering) |
| Accuracy | ±(40 PPM + 3% of Measured Value) |
| Output | 4-20mA/ 0-10VDC (User field selectable) |
| Display | 4½ digit LCD display |
| Relay | Optional single relay output (NO/CO/NC) Freely programmable Rated 2 amps |
| Storage Conditions | -10 to +60 deg. C |
| Size | 125 (H) x 80 (W) x 30 (D) mm |
| Response Time | <3 minutes for 90% step change |
| Warm up Time | <2 minutes, 10 mins for max accuracy |
| Power Supply | 24 VDC, 200 mA |
| Communication | Optional RS-485/Modbus communication |
| Buzzer Alarm | Optional programmable in built buzzer alarm for high alarm, high high alarm and extreme high alarm |

Dimensional Drawing:



Compliance



ACE INSTRUMENTS

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