Carbon Monoxide (CO) Transmitter

With Display

Without Display

Overview

Know your air and monitor CO. levels with the Ace Instruments Carbon MonoxideTransmitter (AI-CO).The transmitter is available with or without display in an ABS plastic wall mounting enclosure. The transmitter boasts the latests in sensing technology with a Japanese electrochemical sensor for reliable monitoring. Ranges are available in 2 options: 0-100 ppm & 0-250 ppm.

The instrument offers optional RS-485 communication, programmable buzzer alarm and relay outputs. It is suited for CO monitoring in parking lots, boiler rooms, mines, boats and marine applications, oil and gas, semiconductor manufacturing. The transmitters can be used as a part of a comprehensive indoor air quality monitoring solution to ensure occupant safety.

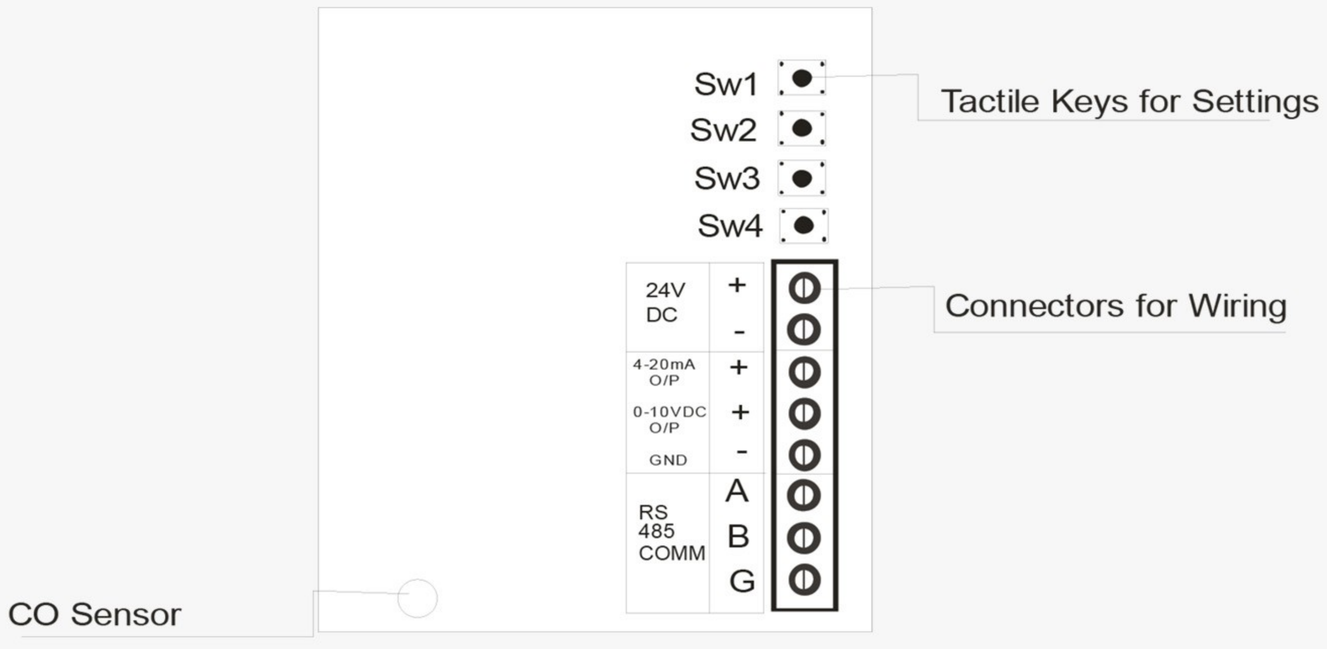
Features

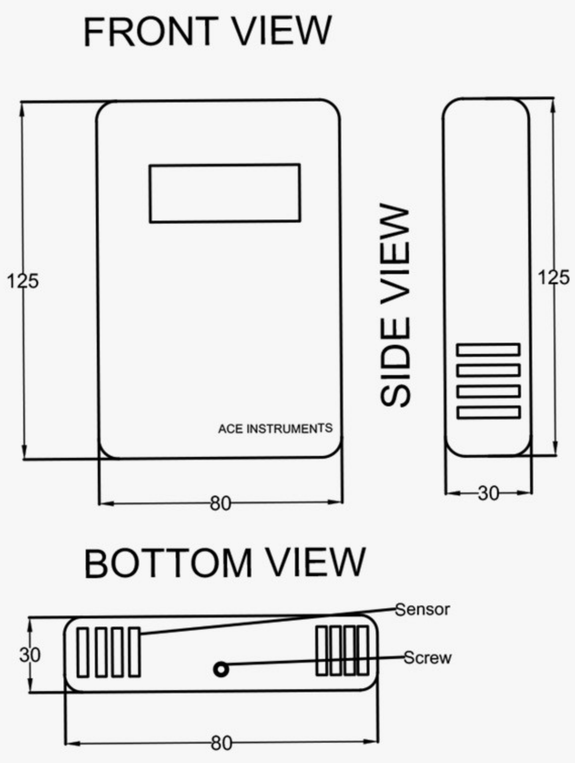
- Fast response Japanese electrochemical sensor
- Available with/without LCD display
- Selectable 0-10VDC (or) 4-20mA analog outputs
- RS-485 Modbus communication (optional)
- Relay output (optional)
- Buzzer alarm (optional)
- Wiring Diagram:

Specifications

Manufacturer	ACE
Range	Options: 0-100ppm, 0-250ppm (selected at time of ordering)
Accuracy	±5% in 0~100 ppm range ±10% in 100~250 ppm range
Output	4-20mA/ 0-10 VDC (User field selectable)
Display	4 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	<60 seconds
Enclosure	ABS plastic wall mounting enclosure
Power Supply	24 VDC, 200 mA
Communication	Optional RS-485 Modbus communication
Buzzer Alarm	Optional programmable in built buzzer alarm

Wiring & Dimensional Drawing





Certificates

ASHRAE

OSHA

GRIHA Council

INTERNATIONAL WELL BUILDING INSTITUTE™

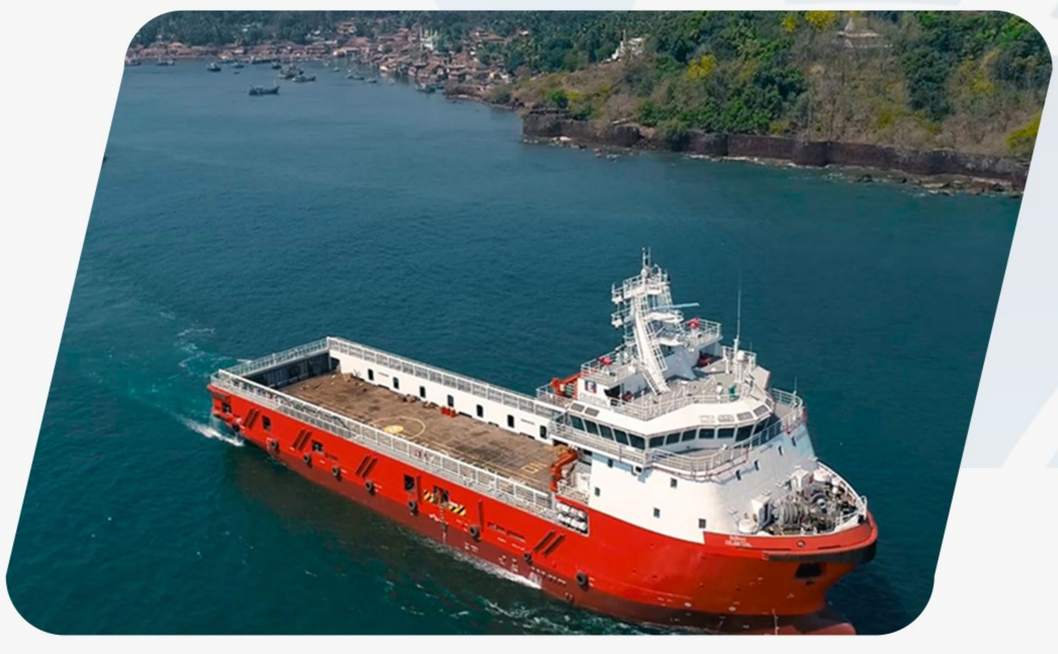
U.S. GREEN BUILDING COUNCIL

Health Canada

Product compliance

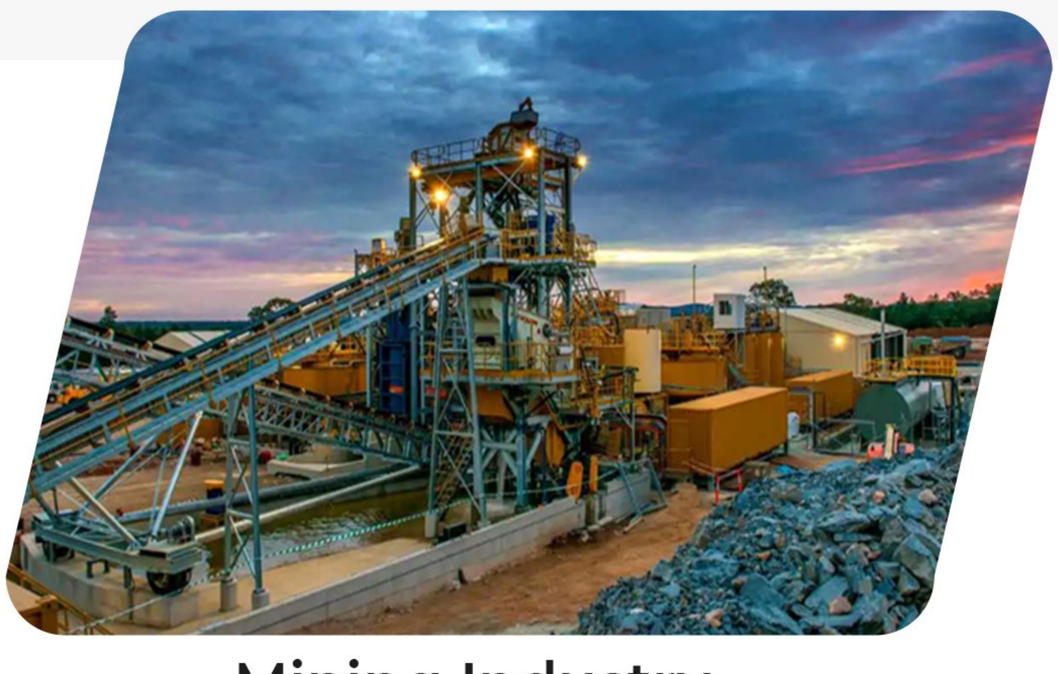
CE

Applications



Marine Vessels

Steel industries



Mining Industry

Parking Lot

Temp | Humidity | Pressure | Differential Pressure | Vacuum | Gases | Particle | Air Flow
Moisture | Dissolved Oxygen | Radiation | Air Quality | Light / Lux | Distance | Vibration

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