

Duct Mounting Carbon Monoxide Transmitter



Model: AI-CO-D



Features

- 1 No. relay output (optional)
- Optional RS-485 Modbus communication
- Range options up to 500 ppm
- Duct mounting ABS plastic enclosure

Track CO levels with a solution for HVAC ducts with the Ace Instruments Duct Carbon Monoxide Transmitter (AI-CO-D).

Range options available up to 500 ppm. The AI-CO-D serves as an economical and rugged solution for simultaneous measurement and transmission of CO levels with analog 4-20mA/0-10 VDC outputs and optional RS-485 Modbus communication.

The instrument features optional relay output for optimal control of CO levels within HVAC ducts. The AI-CO-D is suited for mounting in HVAC ducts for office spaces, hotels, commercial buildings & cleanroom environments.

Comprehensive indoor air quality monitoring range
CO₂ | CO | Temp | Humi | VOC | PM | O₂



Improve occupant comfort and building environment through IAQ monitoring in..



Commercial Buildings



Cleanroom Environments



Demand Control Ventilation



Industrial Environment Monitoring

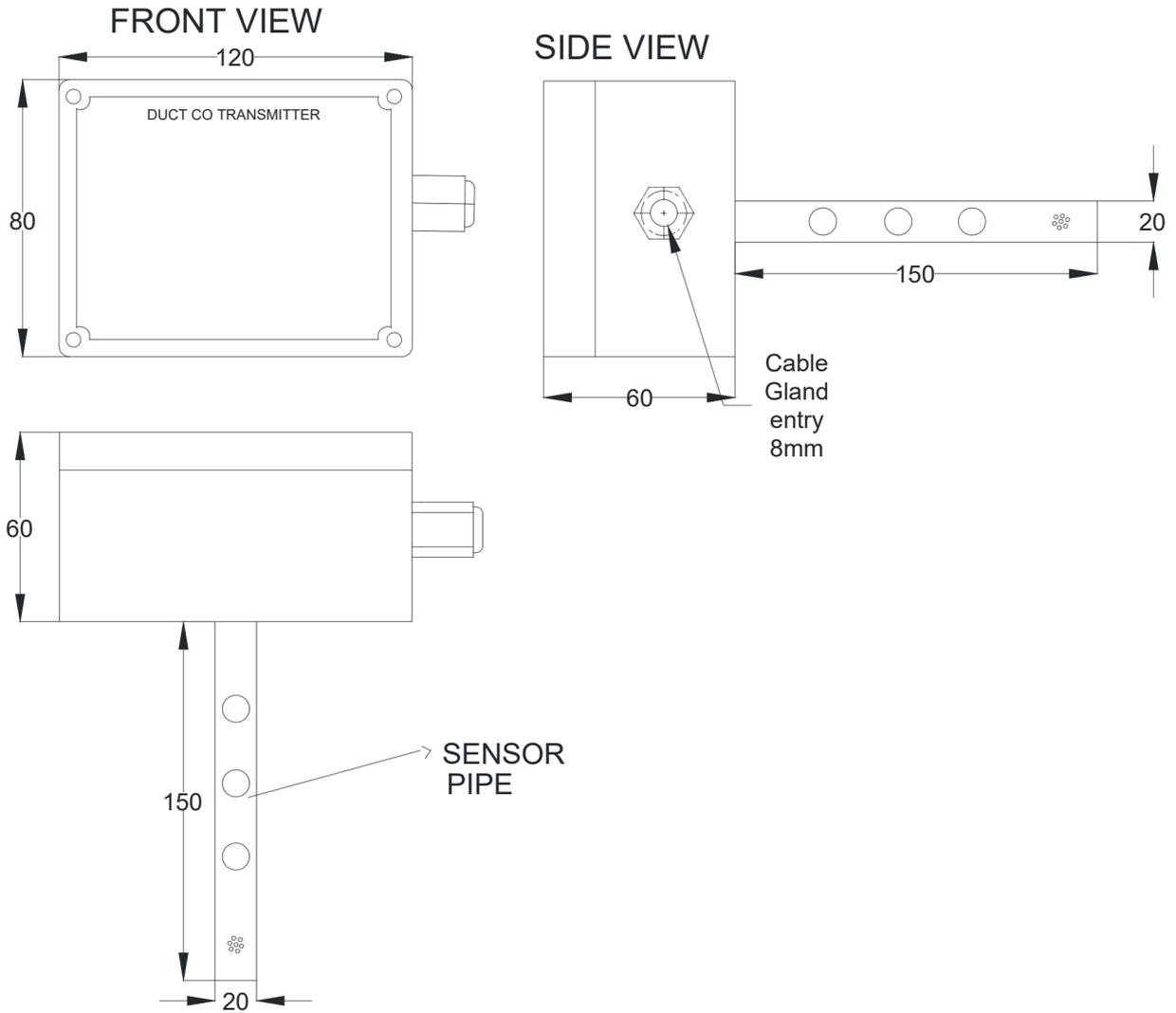
Specifications

Sensor	Electrochemical type sensor Sensor meets UL2034, EN50291, and EN54-31 requirements
Measuring Range	Options: 0-100 ppm, 0-250 ppm, 0-500 ppm
Accuracy	± 5 ppm or $\pm 5\%$ of reading whichever is greater
Output	4-20mA / 0-10 VDC output (Field Selectable)
Response Time	T90 (90% of reading) within 60 seconds
Communication	RS485 Modbus (Optional)
Power Supply	24 VDC, 250mA
Relay	1 No. Relay Output (CO/NO/NC) (Optional)
Enclosure	Duct mounting type ABS plastic enclosure with duct mounting bracket
Warranty	12 months manufacturer warranty

In compliance with leading global standards



CAD Diagram :



Wiring Diagram:

1	2	3	4	5
+	-	+	+	-
24V DC		mA O/P	0-10V O/P	GND

Customize your IAQ solution with us today