

Product overview

The AX-GS-CD-T81-VI is a wall-mounted CO2 transmitter that also measures humidity and temperature, making it ideal for ventilation control in enclosed spaces. This unit offers jumper-selectable analogue outputs, allowing you to choose between 0-10V or 4-20mA. Additionally, the sensor can monitor CO2 levels within a range of either 0-2000 ppm or 0-5000 ppm, which can also be selected via jumper settings.



Products Features

- Monitors CO2 range 0-2000 ppm or 0-5000ppm
- Wall or Space mount
- Wide range of optional thermistor temperature sensors
- 0-10V or 4-20mA output, selectable via jumpers
- Lifetime calibration
- 15 year calibration interval

Product Specifications

Power Supply:	24Vac/dc ±15%
Output:	0-10V or 4-20mA, jumper selectable
Output CO2 Level:	0-2000ppm or 0-5000ppm, jumper selectable
Sensor Type:	Non-dispersive Infra-red, gold plated optics
Calibration Interval:	Calibration not required (see ABC software)
Stability:	Self calibrating <2% Full Scale over life of sensor (typical 15yrs)
Temperature Dependence:	0.2% Full Scale per °C
Signal Update:	Every 4 seconds
Warm Up Time:	10 minutes for maximum accuracy
Anti-recycle Time:	Minimum on/off period of 10 minutes in Auto mode
Housing:	Flame Retardant ABS, UL 94 5VA
Ambient Temperature:	0 to +50°C, 095% RH noncondensing
Dimensions and Weight:	87 x 82 x 27mm, 75g
Protection:	IP30
Country of Origin:	UK

Order Codes

AX-GS-CD-T81-VI	Room/Space Mount CO2 Sensor with V&I Selectable Output, LCD, 0-2000/0-5000 ppm selectable		
AX-GS-CD-T81-MOD	Room/Space Mount CO2 Sensor, LCD, MODBUS		
** Add additional part numbers given below for additional passive thermistor output i.e. “-T” for 10K3A1			
	T 10K3A1 Trend	N1S	Ni1000 / 6180K
	3K 3K3A1 Alerton	100	PT100a Serek
	A 10K4A1 York, Andover	1K	PT1000a Cylon
	H 20K6A1 Honeywell	J	2.2K Johnsons
	D 30K3A1 Drayton	SAT1	Satchwell
	50K 50K6 Priva	ST1	Staefa
	N1K Ni1000a Siemens	TAC	1K87A1 TAC