WALL-MOUNTED E-BUS CO_2 SPACE SENSOR ASM01829

AAON Controls is involved in the design and selection of the sensors used with AAON units to ensure integration between sensors, controllers, software, and mechanical equipment

PHYSICAL

Validating Information Provided by the Sensors to the Unit Controllers

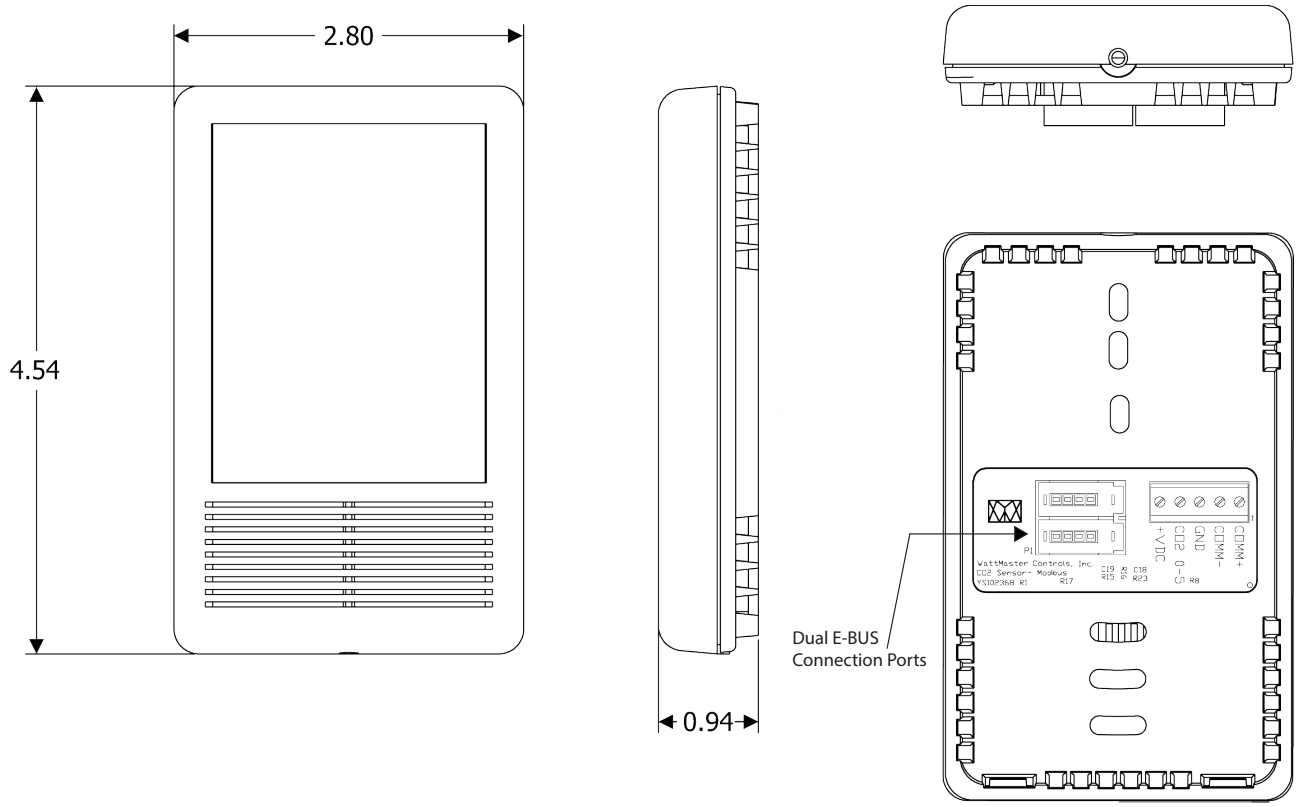
The Wall-Mounted E-BUS CO_2 Sensor is used for monitoring CO_2 levels and is designed for permanent wall mounting in the conditioned space. It connects to the VCCX or VCB-X Controller using an E-BUS Expansion Cable. The Sensor is supplied with electronics mounted in a cover plate, a back plate, an optional mounting plate, and two mounting screws. A cable assembly of required length (sold seperately). See list below.

Cable Assembly Part Numbers

- 1.5 ft Cable (G029440)
- 3 ft Cable (G012870)
- 10 ft Cable (G029460)
- 25 ft Cable (G045270)
- 50 ft Cable (G029510)
- 75 ft Cable (G029530)
- 100 ft Cable (G029450)
- 150 ft Cable (G029470)
- 250 ft Cable (V36590)
- 1000 ft Cable (G018870)

Electrical and Environmental	
Input Power	12-34 VDC
Operating Temperature	14°F to 122°F
Sample Method	Diffusion or Flow-through 50-100 ml/min
Sensitivity	< +/- 20 ppm
Analog Output	0-5 VDC
Power Consumption	30 mW Max Average, 1.25 W Peak Power
Operating Humidity	5-95% RH Non-Condensing
Measurement Range	0 to 2000 ppm
Resolution	+/- 1 ppm

Contact AAON Support for Technical Assistance
www.aaon.com/contact



INSTALLATION

Mounting

The Wall-Mounted E-BUS CO_2 Space Sensor utilizes a sub-base mounting plate providing quick and easy mounting and wiring. The wall-mounted sensor's sub-base is compatible with standard junction boxes. A locking screw secures the assembly to the wall.

The E-BUS CO_2 Sensor needs to be installed in an environment that can maintain a temperature range between 14°F and 122°F and a humidity range between 5% and 95% RH (non-condensing).

Scan the code for additional product information