E-BUS DIGITAL ROOM TEMP & HUMIDITY SENSOR (NO LCD DISPLAY) ASM02221

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 ASM02221 E-BUS Digital Room Sensor (No LCD Display) is used to sense Space Temperature & Space Humidity. The Sensor is supplied with a cover plate, a back plate, an optional mounting plate, and two mounting screws.

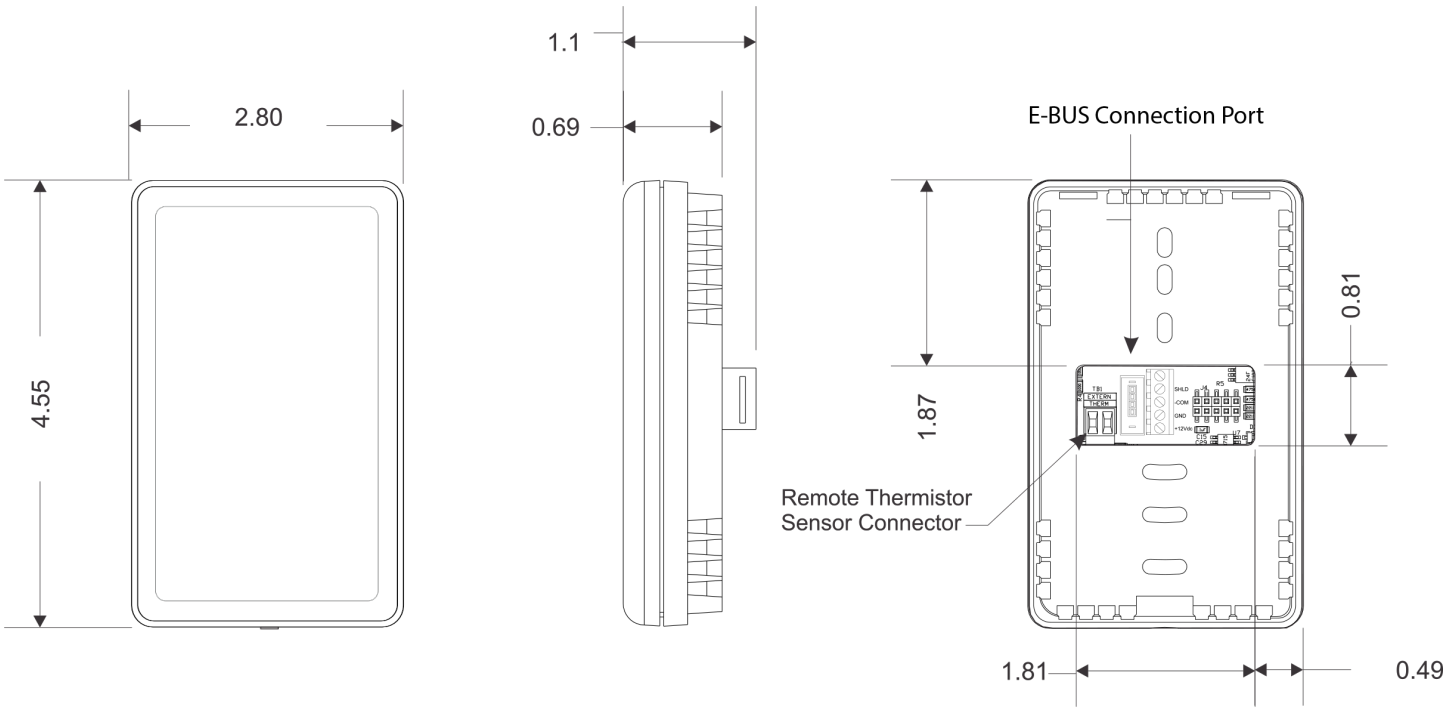
The sensor connects to the unit controller via an E-BUS cable of required length (Sold Seperately).

Environmental Requirements

The E-BUS Digital Room Sensor needs to be installed in an environment that does not exceed a temperature greater than 120°F or less than 40°F and does not exceed 95% relative humidity levels (non-condensing).

Electrical and Environmental	
Sensor Element	Digital Sensing Device
Sensor Reading Range	Temp: 40°F to 120°F, RH: 0-100%
Ambient Temperature Limits	-40°F to 180°F
Accuracy	Temp: +/- 0.8°F, RH: +/- 3%
Connection	E-BUS
Weight	3.2 oz

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



Front View **Side View** **Back View**

INSTALLATION

Mounting

The E-BUS Digital Room Sensor is designed to be mounted to a vertical 2" x 4" electrical box recessed in the wall. If the wall cannot be penetrated, a plastic surface mount box such as those made by Wiremold® may be used to mount the sensor to the wall surface.

The Sensor is mounted by removing the front cover and fastening the housing base to the electrical box using the supplied two 6-32 x 1" mounting screws. The E-BUS cable is then plugged into the E-BUS connector located on the circuit board that is mounted on the cover. The cover is then placed on the housing base, and the Allen Screw on the bottom of the base is adjusted to hold the cover in place.

Scan the code for additional product information