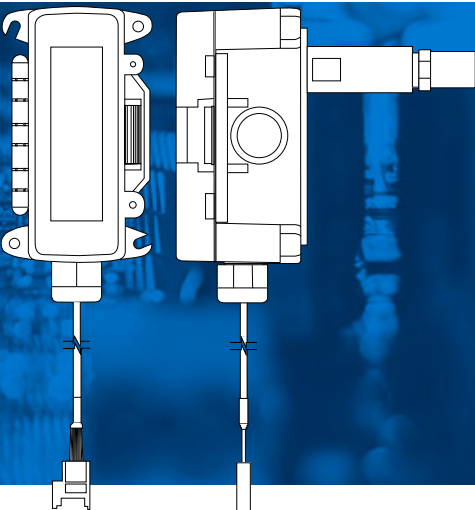




# E-BUS RETURN AIR TEMPERATURE AND HUMIDITY SENSOR ASM01840



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

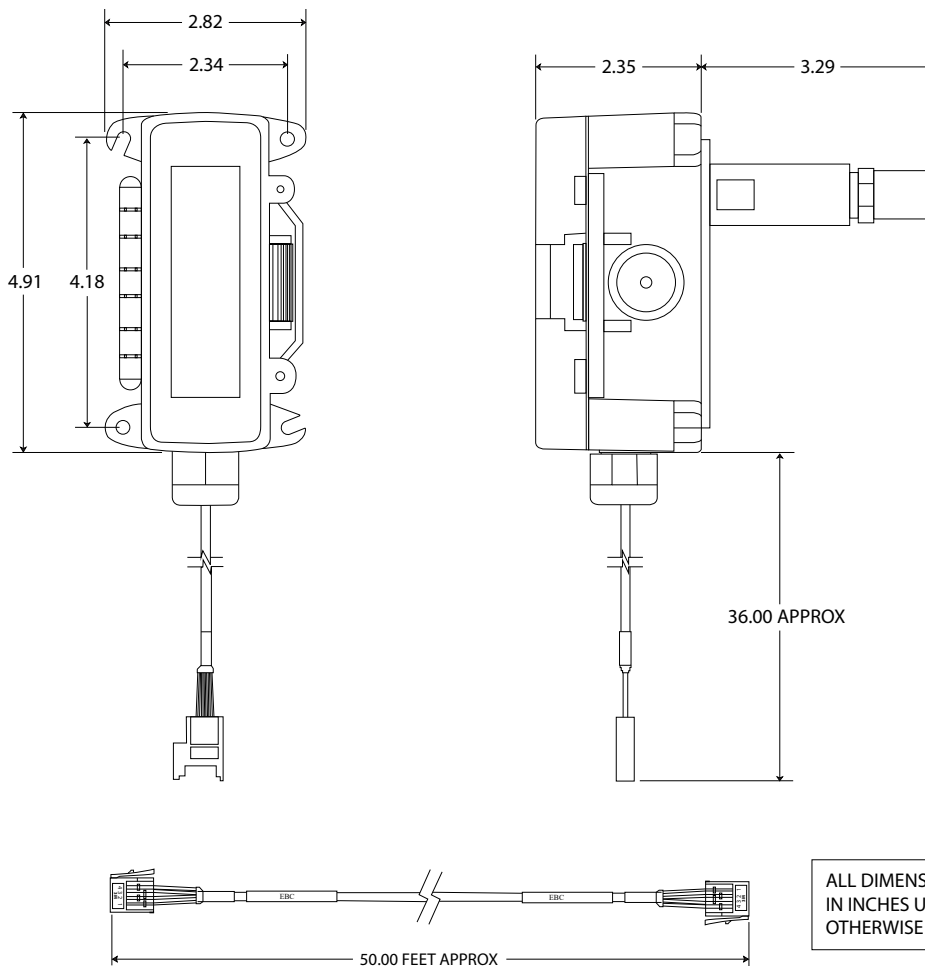
The E-BUS Return Air Temperature and Humidity Sensor is a combination Return Air Temperature and Return Air Humidity sensor that connects to the VCCX2, VCCX-IP, VCCX-454, VCB-X, and various other AAON Unit Controllers using an E-BUS modular cable.

This sensor is used when both Return Air Temperature and Return Air Humidity are needed for the Unit Controller. The Return Air Humidity Sensor can be used to initiate dehumidification based on an Indoor Humidity Setpoint.

### Electrical and Environmental

Sensor Element	Digital Capacitive Sensing Device
Sensor Reading Range	-40°F to 185°F, RH = 0-100%
Ambient Temperature Limits	-40°F to 185°F
Accuracy	Temp +/- 0.8°F, RH +/-3%
Connection	E-BUS
Weight	2.3 oz.

Contact AAON Support for Technical Assistance  
[www.aaon.com/contact](http://www.aaon.com/contact)



## INSTALLATION

### Mounting

A 50 foot E-BUS cable (Sold Separately) plugs into the E-BUS Return Air Temperature and Humidity Sensor's attached 3-foot cable and then attaches to an E-BUS Expansion port on the Unit Controller or into another available E-BUS Expansion port.

Scan the code for additional product information



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