

Outside Air Humidity Sensor Current Limiter Installation Instructions

Description

Novar's Outside Air Humidity Sensor Current Limiter limits the current from a control module's input terminals to the sensor to 21 milliamps to prevent a shorted sensor fault alarm when condensation is present on the sensor. It is shipped with each Novar outdoor air humidity sensor and should be installed along with the humidity sensor as described below.

Precautions

The following precautions should be taken during installation:

- Observe all national and local electrical codes.
- Observe sensor polarity.

Installation

The following procedure should be used to install the current limiter (refer to Figure 1, as necessary, during installation).

Step	Procedure
1	Remove the humidity sensor wire attached to the negative (-) terminal of the Class 2 Inputs strip of the control module.
2	Attach the current limiter wires as follows: <ul style="list-style-type: none"> ■ Attach the current limiter's black wire to the negative (-) terminal. ■ Use a wire nut to attach the current limiter's striped white wire to the sensor wire. <p style="text-align: center;">NOTE! If a field wiring terminal is available, both wires can be attached to it.</p>

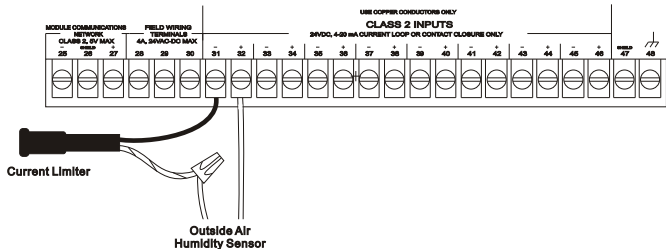


Figure 1. Current limiter wiring connections



Part Numbers

The part numbers shown in Table 1 should be used to order the Novar part.

Table 1. Novar Part Numbers		
PRODUCT	MODEL NO.	PART NO.
Outside Air Humidity Sensor Current Limiter	—	680002000

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