VERIS

HS Generation 2

HS Series Gen. 2

Replacement Humidity Sensors for CW2 & HW2 Living Space Sensors

Product Overview

HS Series Generation 2 Replacement Humidity Sensors work with the CW2 and HW2 Series (with humidity option only. The CW2 and HW2 Series sensors use an onboard RH sensor. When a replacement sensor is installed into the socket on the CW2 or HW2, the reading from the replacement sensor is used. The replacement sensor can subsequently be replaced as needed.

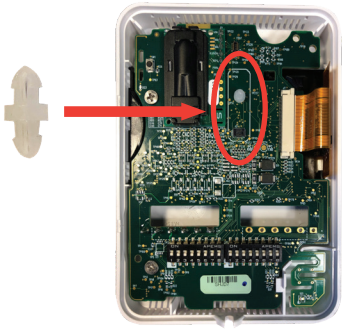
Note: The Veris HD, HN, HP, HO and legacy HWL/HWX and CWL models require HS Series Generation 1 replacement sensors.

Product Identification

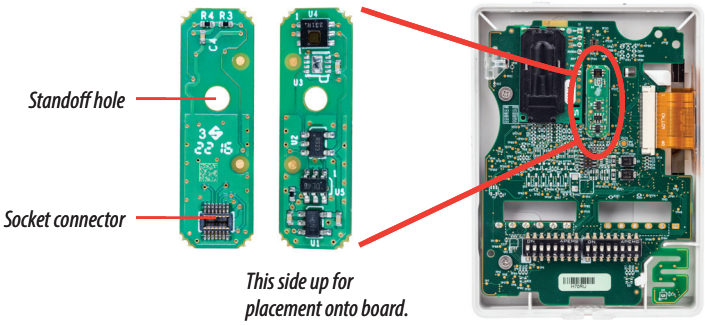
Model	Description	Temp. Calibration	RH Calibration
HS1N	Replaceable RH sensor, 1% with NIST certificate	N/A	2-point calibration
HS2N	Replaceable RH sensor, 2% with NIST certificate	N/A	2-point calibration
HS2X	Replaceable RH sensor, 2%	N/A	2-point calibration

Installation

1. Disconnect power to the unit.
2. Remove faceplate.
3. Install the plastic standoff into the hole in the circuit board above the replaceable RH sensor socket.



4. Align new Replacement Humidity Sensor into the socket and standoff. Press on socket until it clicks into place. Then press down on the top of the sensor until the standoff snaps into place.



5. Reconnect power and replace faceplate.

NOTICE

PRODUCT DAMAGE DUE TO ELECTRO-STATIC DISCHARGE

Circuit boards and components can be damaged by static electricity or electro-static discharge (ESD). Observe the following electro-static precautions when handling this product and cables and components connected to the product.

- Keep static-producing material such as plastic, upholstery, carpeting, etc. out of the immediate work area
- Store the product in ESD-protective packaging when it is not installed in the panel
- When handling the product or a conductive cable/ESD-sensitive component connected to the product, wear a conductive wrist strap connected to ground through a minimum of 1 MΩ resistance
- Do not touch exposed conductors and component leads with skin or clothing

Failure to follow these instructions can result in equipment damage.

If this product is used in a manner not specified by the manufacturer, the protection provided by the product may be impaired. No responsibility is assumed by the manufacturer for any consequences arising out of the use of this material.

NOTICE

SHORT CIRCUIT

- Disconnect power to the unit before making modifications.

Failure to follow these instructions can result in equipment damage.

HS Generation 2 / TS

HS Series Gen. 2 & TS Series

Replacement Humidity & Temperature Sensors for CD2, HD2 & HO2 Plant Room Sensors

NOTICE

PRODUCT DAMAGE DUE TO ELECTRO-STATIC DISCHARGE

Circuit boards and components can be damaged by static electricity or electro-static discharge (ESD). Observe the following electro-static precautions when handling this product and cables and components connected to the product.

- Keep static-producing material such as plastic, upholstery, carpeting, etc. out of the immediate work area
- Store the product in ESD-protective packaging when it is not installed in the panel
- When handling the product or a conductive cable/ ESD-sensitive component connected to the product, wear a conductive wrist strap connected to ground through a minimum of 1 MΩ resistance
- Do not touch exposed conductors and component leads with skin or clothing

Failure to follow these instructions can result in equipment damage.

If this product is used in a manner not specified by the manufacturer, the protection provided by the product may be impaired. No responsibility is assumed by the manufacturer for any consequences arising out of the use of this material.

NOTICE

SHORT CIRCUIT

- Disconnect power to the unit before making modifications.

Failure to follow these instructions can result in equipment damage.

Product Overview

HS Series Generation 2 Replacement Humidity Sensors and TS Temperature only or Temperature and Humidity sensors work with CD2, HD2 and HO2 Series Plant Room Sensors (with humidity and temperature options). These sensors use on-board RH sensor and solid state temperature sensors to be used on analog transmitters or protocol models. The sensors are factory calibrated and offered in various configurations based on the end application need. When a replacement is installed into the socket, the reading from the replacement sensor is used. The replacement sensor can subsequently be replaced as needed.

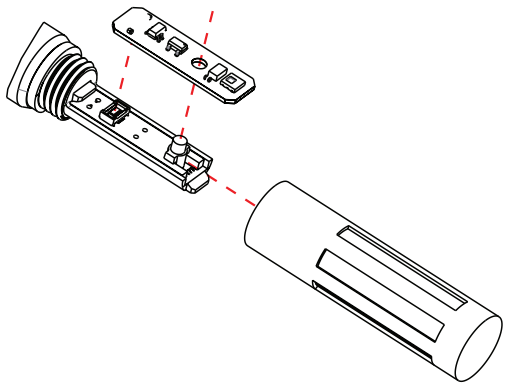
Product Identification

Model	Description	Temp. Calibration	RH Calibration
HS1N	Replaceable RH sensor, 1% with NIST certificate	N/A	2-point calibration
HS2N	Replaceable RH sensor, 2% with NIST certificate	N/A	2-point calibration
HS2X	Replaceable RH sensor, 2%	N/A	2-point calibration
TS2*	Replaceable temperature module with 2-point calibration certificate	2-point calibration	N/A
THS2*	Replaceable temperature and humidity module with 2-point calibration certificate	2-point calibration	2-point calibration

**For temperature transmitter models only.*

Installation

1. Disconnect power to the unit.
2. Open the probe cap.
3. Locate the replaceable module.
4. Remove the module from the probe tip.
5. Install the new module.



6. Close the probe cap.