



HUM-RHPCB-3
Installation
Procedure

Replacing the Internal RH Sensor on the U14

The internal relative humidity sensor in the U14-001 may require replacement if it is damaged mechanically or by exposure to condensation or chemicals. The replacement sensor (Onset part number: HUM-RHPCB-3) is available from Onset or an Onset Authorized Dealer.

You can replace the internal RH sensor yourself or have it replaced as part of a U14-001 tune-up/calibration service (available from Onset).

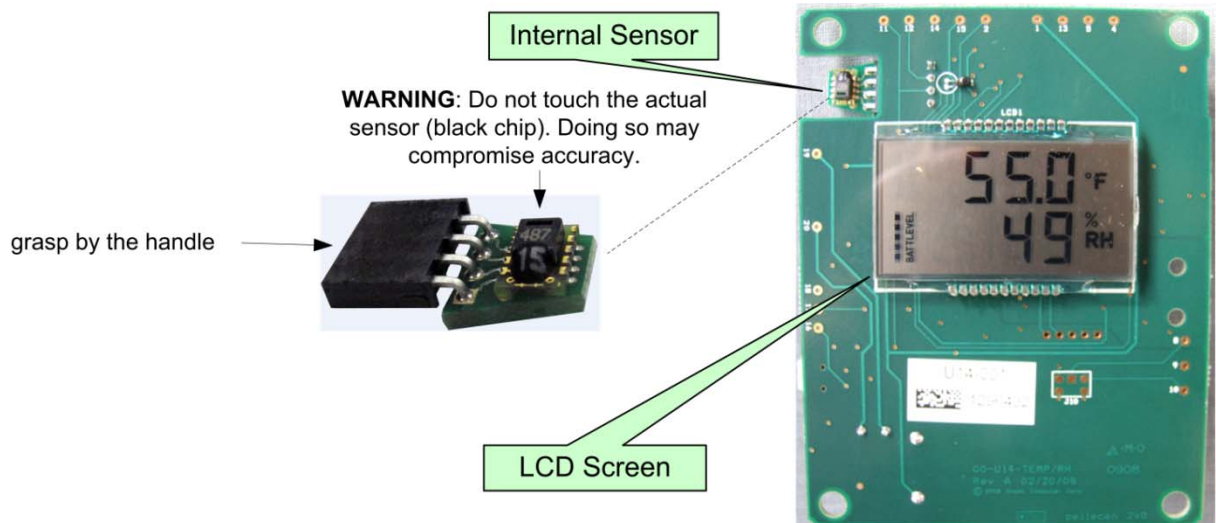
Steps

NOTE: To dissipate static electricity while you work, periodically touch an unpainted metal surface.

To replace the sensor:

1. Remove the four screws on the back of the unit and open the case.
2. Remove 1 battery to deactivate power to the sensor.
3. Carefully remove the board and turn it over so the LCD is facing up.

The RH sensor is located on the upper left side of the board, adjacent to the LCD.



4. Gently grasp the sensor and pull to the left, unplugging the sensor from the board.
5. Firmly plug in the replacement sensor. The front of the sensor should face the front of the board (LCD screen side).
6. Place the board back into the case (be careful not to dislodge the sensor).
7. Reinstall the battery you removed.
8. Replace the screws.
9. Start the logger and check the accuracy of the RH readings.

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