Spectrum Technologies, Inc.
"To Measure Is To Know"

Quick Start Guide
Temperature/RH Sensor
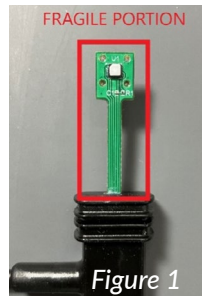
WatchDog

CAUTION

Spectrum's Temp/RH sensors are designed to withstand harsh environmental conditions

To ensure optimal sensor protection, avoid any damage to the sensor or its surrounding finish

Take care not to bend or flex the component shown (*Figure 1*) and avoid abrasion

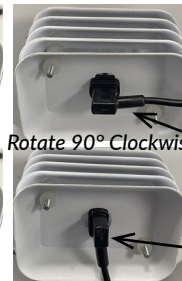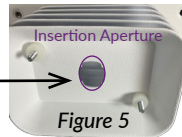FRAGILE PORTION

Figure 1

1 REMOVAL

Before removing the sensor, make note of the following information for future reference during installation:

- Identify the location of the sensor cable connector on the device, station, logger, etc.
- Observe the route of the sensor cable from the connection point to its position within the radiation

2

When removing the sensor, ensure that the sensor's overmold (*Figure 3*) is positioned within the Mounting Aperture (*Figure 4*) rather than the Insertion Aperture (*Figure 5*)

Figure 3

Overmold

Mounting Aperture

Figure 4

Insertion Aperture

Figure 5

Rotate 90° Clockwise

3

Disconnect the sensor cable from the device.

With a firm grip on the overmold, carefully rotate the sensor 90° clockwise from its Mounting Aperture (*Figure 4*) orientation to the Insertion Aperture (*Figure 5*).

4

Gently pull the sensor out of the Insertion Aperture, cautious not to touch the fragile section of the sensor against any part of the radiation shield.
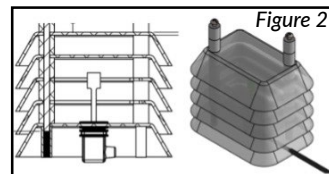
5

Safely store the removed sensor, ensuring careful handling of the fragile section.

Contact Spectrum Support for further assistance.
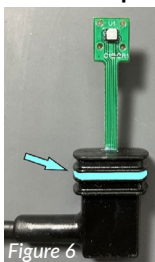
1 INSTALLATION

Insert the Temp/RH sensor into the Insertion Aperture within the Radiation Shield (*Figure 2*).

Figure 2
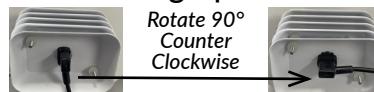
Exercise caution when handling the fragile section.

2

Align the Overmold Mounting Notch with the rim of the Insertion Aperture.

Insertion Aperture

Figure 5

Figure 6

3

Using a firm grip on the overmold, carefully rotate the sensor 90° counter clockwise from the Insertion Aperture to the Mounting Aperture.

Rotate 90° Counter Clockwise

Route sensor cable from the radiation shield to the desired connector on the device.

4

Connect the sensor to the appropriate connector on the host device.

Refer to the host device's documentation/instructions for completing the installation of your new Temperature/RH sensor.