

## Overview

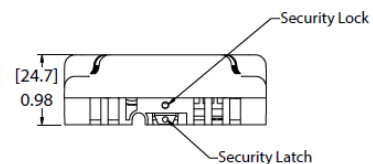
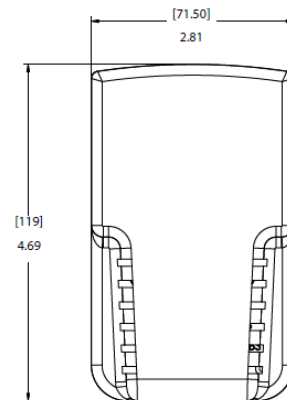
The ACS2423 is a wall mount sensor that monitors room temperature (T) and Relative Humidity (RH) for monitoring room environments. The sensors provide analog signals back to the Console for monitoring and fault condition identification. In cleanroom applications it can be used to monitor room T & RH to verify compliance with USP standards and directives.

The sensors come with NIST compliance certification and the RH sensor tips are replaceable for calibration updates by the end user (factory calibrated sensor tips) The temperature output is an active (analog) signal from the unit housing. The output of the sensor is two independent analog signals that can be fed to a Console or interface card for monitoring and control.



## Specifications

- Accuracy: Temp  $\pm 0.4^{\circ}\text{C}$  (-10 to  $+60^{\circ}\text{C}$ )
  - RH  $\pm 2\%$  RH (20%-80%RH,  $25^{\circ}\text{C}$ )
- Operating Temperature Range: -10 to  $+60^{\circ}\text{C}$ 
  - 0-99% RH
- Electrical Rating:
  - 12 to 30VDC
  - Output – 4-20 mA
  - 4-wire



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