

HMT331 Humidity and Temperature Transmitter for Demanding Wall-Mount Applications



The HMT331 is the state-of-the-art wall-mount humidity instrument.

The Vaisala HUMICAP® Humidity and Temperature Transmitter HMT331 is the top-of-the-line wall-mount transmitter for demanding HVAC and condition monitoring applications.

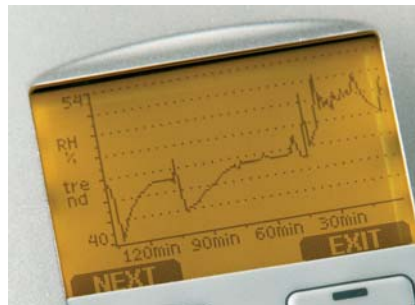
Compared to regular wall-mount transmitters, the HMT331 offers:

- Higher measurement performance
- Better chemical tolerance
- Advanced graphical display features
- More powering options
- More output options
- A wider variety of output humidity parameters.

Graphical measurement trend and history display

The HMT330 series features a large numerical and graphical display, allowing the user to easily monitor measurement trends and 1-year history.

The measurement history is especially useful in stability rooms and archives. The minimum and maximum values for the previous year can be viewed.



The display shows measurement trends and 1-year history.

Outputs and power supply options for every need

The output options include three analog outputs, RS-232, RS-485, and alarm relays.

The voltage supply range is from 10 to 35 VDC. With an additional module, the transmitter can be connected to all universal mains AC supplies.

The input/output cable can be fed through the back of the transmitter, which is a useful installation feature especially in cleanrooms.

Features/Benefits

- For temperatures -40...+60 °C (-40...+140 °F)
- Vaisala HUMICAP® Sensor for excellent accuracy and stability
- High tolerance for chemicals
- Shows measurement trends and 1-year history graphically
- Corrosion resistant metal IP65 housing
- NIST traceable (certificate included)
- Application examples: cleanrooms, pharmaceutical processes, greenhouses, swimming pools, museums and archive spaces

Order Guide: Page 145

Technical Data

Temperature measurement range
 -40...+60 °C (-40...+140 °F)

Accessories

PC software + cable	215005
Connection cable for HM70	211339
Wall mounting plate (plastic)	214829
Pole installation kit	215108
Rain shield	215109
DIN rail installation set	211477

Dimensions

Dimensions in mm (inches)

