



**MUIR MATHESON**  
WEATHER MONITORING

# HMT330 Humidity and Temperature Transmitter

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Product range designed for use in demanding applications where stable measurement, wide customisation possibilities and integrity of data is important.

## Manufacturer

Vaisala

## Graphical display option

Shows logged trend data graphically, up to 1 year of measurement history, PC link software option.

## Vapour tight sensor heads

Prevents moisture ingress in extremes of humidity or pressure.

## Optional output variables

Dewpoint, mixing ration, wet bulb absolute humidity and other variables available.

## Chemical tolerance

Purge feature for use where high concentrations of chemicals are present (optional)

## Measurement Ranges

0...100% RH (Relative Humidity)  
-40....+60°C (Temperature Measurement - HMT331)

## Operating Environment

Temperature for probe -40....+60°C  
Temperature for transmitter body -40....+60°C  
Temperature with display -0....+60°C

## Inputs and Outputs

### Operating Voltage

### Analogue outputs

10..35VDC, 24VAC  
Current output 0..20mA, 4..20mA  
Voltage output 0...1V, 0...5V,0...10V  
RS-232, RS485 (optional)

### Digital Outputs

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