



# 40/50 Series Calibration-Free Wall/Duct Mounted Humidity & Temperature Transmitters

## FEATURES/BENEFITS

- Never needs calibration
- Fully interchangeable INTERCAP® sensor is easy to replace
- Low cost
- 0...100% RH measurement
- +14...140 °F operating range for duct units
- +23...131 °F operating range for wall units
- 4-20 mA 2-wire output (HMD/W40)
- Selectable voltage 3-wire output (HMD/W50)

## INTERCHANGEABLE SENSOR

Vaisala's HMD/W40 and HMD/W50 series incorporate the revolutionary INTERCAP® sensor. Because the INTERCAP is fully interchangeable, these transmitters rarely need calibration. Instead, the user can easily replace the INTERCAP sensor without the expense and inconvenience sometimes associated with the calibration process. And, in the duct mount model, the sensor's membrane filter/mechanical housing protects it from dirt and dust.

## HUMIDITY & TEMPERATURE OR HUMIDITY ONLY

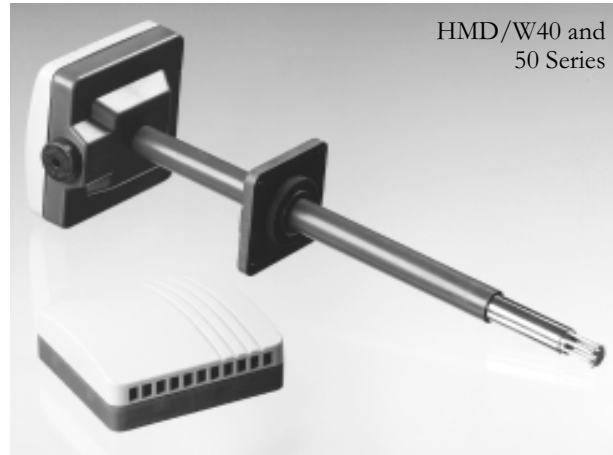
The duct and wall-mounted 40 and 50 series are available as humidity and temperature (Y), or humidity only (U) transmitters.

## SELECTABLE FUNCTIONS (HMD/W50)

The HMD/W50 transmitters feature selectable output signals of 0 to 1V and 0 to 10 V. Powered by either AC or DC voltage, these transmitters can be duct or wall mounted.

## HIGH PERFORMANCE AT LOW PRICES

Specifically designed for HVAC/EMCS applications, the HMD/W40 and 50 series typically measure humidity levels with  $\pm 3\%$  RH accuracy and  $\pm 1\%$  stability per year. Easily installed directly into air ducts or within the controlled area, these transmitters feature two or three-wire connections making retrofitting, upgrading or new installations easy. Competitively priced and requiring no routine maintenance, these calibration-free transmitters are a smart choice for your HVAC/EMCS applications.



*40 series: 2-wire, 4 to 20 mA output*

<i>Wall mount</i>	<i>RH only HMW40U</i> <i>RH &amp; T HMW40Y</i>
<i>Duct mount</i>	<i>RH only HMD40U</i> <i>RH &amp; T HMD40Y</i>

*50 series: 3-wire, voltage output*

<i>Wall mount</i>	<i>RH only HMW50U</i> <i>RH &amp; T HMW50Y</i>
<i>Duct mount</i>	<i>RH only HMD50U</i> <i>RH &amp; T HMD50Y</i>

