

Humidity Modules for OEM Applications



The Vaisala INTERCAP® Humidity Probes HUMITTER50 are a low cost humidity and temperature probes for OEM applications. It features excellent long-term stability, low hysteresis and repeatability.



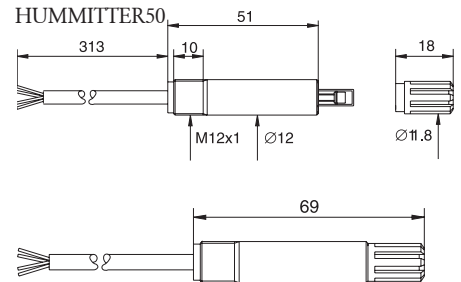
HUMITTER50

- 0...100 %RH measurement
- -10...+60 °C (+14...+140 °F) temperature measurement range (HUMITTER 50Y and 50YX)
- ±3 %RH accuracy with better than ±1 %RH stability per year
- No recalibration
- Fully interchangeable Vaisala INTERCAP® Sensor is easy to replace
- Low cost
- Suitable for OEM applications in HVAC, environmental monitoring, food transportation and cabinets, and humidifiers and dehumidifiers

Vaisala developed the HUMITTER50 to meet the demand for a simple and cost effective humidity transmitter, which is suitable for volume OEM applications or integration into other manufacturers' equipment.

Dimensions

Dimensions in mm.



The Vaisala HUMICAP® Humidity Module HMM22D is ideal for use in incubators.

HMM22D

- Vaisala HUMICAP® Sensor for excellent accuracy and long-term stability, negligible hysteresis and resistance to dust and most chemicals.
- NIST traceable (certificate included)

The HMM22D and the HMM30C are two examples of the diverse products that Vaisala designed to meet specific customer requirements.

Dimensions

Dimensions in mm.

HMM22D

HMM22D

- 4 to 20 mA output
- Temperature range -40... +176 °F (-40...+80 °C)
- Cable length 25.6 in (65 cm)



The Vaisala HUMICAP® Humidity Module HMM30C is ideal for use in high temperature environmental chambers.

HMM30C

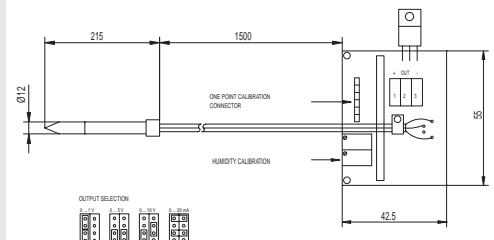
- Vaisala HUMICAP® Sensor for excellent accuracy and long-term stability, negligible hysteresis and resistance to dust and most chemicals.
- NIST traceable (certificate included)

The HMM30C was designed to for high temperature, high performance environmental chambers, such as those used for accelerated aging tests.

Dimensions

Dimensions in mm.

HMM30C



Humidity Modules for Environmental Chamber OEM Applications



The Vaisala HUMICAP® Humidity and Temperature Module Series HMM210 provide fast real-time measurement in a wide temperature range. The modules are especially suitable for demanding OEM applications, environmental chambers and incubators.

HMM210 series

- Three probe configurations
- Relative humidity (RH) plus temperature (T) probe.
- Dewpoint probe features Vaisala's unique Composite Sensor, which remains heated a few degrees above ambient to prevent dew formation (condensation) on the sensor.
- Dewpoint probe described above, together with a temperature probe for obtaining relative humidity and temperature outputs.
- Three module configurations
- Different probe and cable lengths
- Chemical purge option maintains high measurement performance in demanding chemical conditions.
- All HMM210 series modules have excellent EMC characteristics.
- NIST traceable (certificate included)

The Vaisala HUMICAP® Humidity and Temperature Module Series HMM210 are designed for OEM type applications needing humidity or dewpoint measurement in demanding environments, environmental chambers growth chambers and incubators.

NOTE:

The HUMITTER50, HMM22C, HMM30C and the HMM210 Series are OEM products. Please call for pricing.

Dimensions

Dimensions in mm.
HMM210 Series

