

T-VAI-HMD-40Y



## Vaisala Duct-mount RH/Temp Transmitter Sensor

Discontinued

The Vaisala Duct-mount RH/Temp temperature and humidity transmitter offers reliable operation and mounts to air ducts. It provides a relative humidity measurement range of 10% to 90% relative humidity and temperature measurement range of -10° to 60°C (14° to 140°F). A FlexSmart Analog Module is required for operation with the HOBO Flexsmart Data Logger.

### Supported Measurements

Relative Humidity, Temperature

### Features

- Mounts in air ducts
- RH measurement range of 10% to 90%
- Temperature range of -10° to 60°C (14° to 140°F)
- Analog input required

### Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email [sales@onsetcomp.com](mailto:sales@onsetcomp.com)
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

Technical Support (8am to 5pm ET, Monday through Friday)

- Contact Product Support [www.onsetcomp.com/support/contact](http://www.onsetcomp.com/support/contact)
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## Vaisala Duct-mount RH/Temp Transmitter Sensor (T-VAI-HMD-40Y) Specifications

RH measurement range: 10 to 90% RH  
Accuracy (at +20°C/68°F): better than ±3% RH  
Stability: ±2% RH over 2 years  
Temperature dependence: less than ±1.5% RH from -10° to 60°C (14° to 140°F)  
Temperature measurement range: -10° to 60°C (14° to 140°F)  
Accuracy at 25°C/77°F: ±0.3°C (±0.54°F)  
Temperature Dependence: 0.01°C/°C (0.01°F/°F)  
Operating temp range: -10° to 60°C (14° to 140°F)  
Operating humidity range: 0 to 100% RH  
Output signal to FlexSmart: 4-20mA  
Load resistance: greater than 20 kohm  
Power supply: 10 to 28 VDC  
Current consumption: 4 mA minimum  
Housing material: ABS plastic  
Standards: Complies with EMC standard EN61326-1:1997 + AM 1:1998, generic environment  
Dimensions: 30.2 cm x 8.0 cm x 1.5 cm diameter (11.9" x 3.15" x 0.6" diameter)  
Weight: 163.9g (5.78oz)  
Number of data channels: 2  
To download the manual from Vaisala click [here](#).