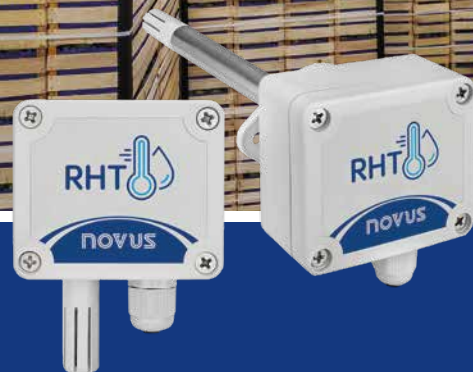




Humidity and Temperature Transmitters

RHT-WM and RHT-DM



- Loop power supply (2-wire)
- Metal or plastic probe
- Dew point calculation
- Adjustable measurement ranges



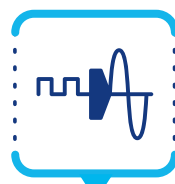
WALL
MOUNTING



DUCT
MOUNTING



ISOLATED
ANALOG
OUTPUTS



0.0008 mA:
ANALOG OUTPUT
RESOLUTION



OUTPUT
FORCING AND
DIAGNOSTICS

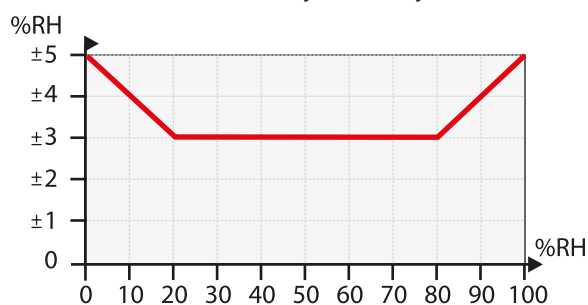
The **RHT-WM** and **RHT-DM** transmitters have highly accurate and stable sensors for measuring relative humidity and temperature. The measured values are converted into 4 to 20 mA output signals that are linearly related to their readings.

Since they are microprocessor-based devices, it is possible to use the **TxConfig-USB** communication interface and the **SigNow** app or software, available for Android and Windows, to configure them. Outputs can be configured to transmit temperature, relative humidity or dew point.

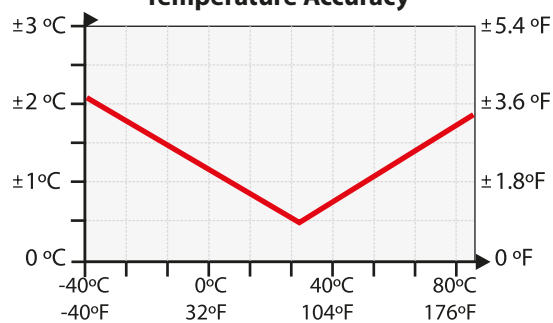
The **RHT-WM** model must be wall-mounted. The **RHT-DM** model has an extended sensor probe to be mounted in ducts or through walls.

Measurement Accuracy and Sensor Operating Limits

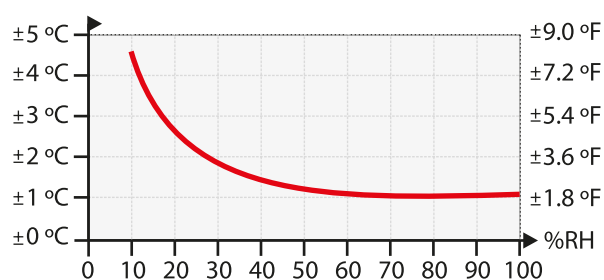
Relative Humidity Accuracy @25°C



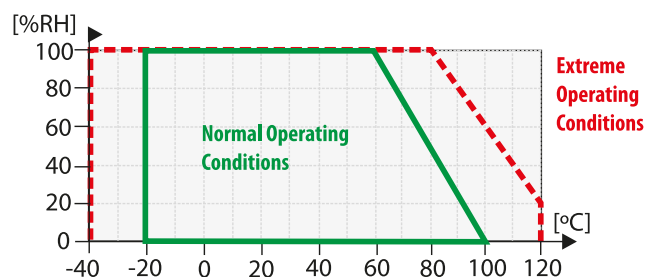
Temperature Accuracy



Dew Point Accuracy @25°C



RH Sensor Operating Conditions



Technical Specifications



	RHT-WM	RHT-DM
Humidity Measurement	Configurable between 0 and 100 % RH	
Temperature Measurement	Configurable between -20 and 70 °C	Configurable between -40 and 120 °C
Dew Point Measurement	Configurable between -100 and 103 °C	
Outputs	4-20 mA or 20-4 mA current, 2-wire type - loop powered	
OUT1 and OUT2 Resolution	0.0008 mA (4-20 mA)	
Output Isolation	4-20 mA isolated outputs	
Rod Material	-	SS316 or PA-GF
Rod Length	-	150 or 250 mm
Protection Index	Electronic module housing: IP65	
	Sensor housing: IP40	
Certifications	CE Mark	
Internal Protection Against Reversal Polarity of Voltage Supply		