





# Humidity and Temperature Transmitter

High sensitive to the smallest room climate changes

intelligent electronics



Model name	Installation	Range	Accuracy	Units	Analog Outputs	Digital Outputs (digital)	On-site configuration	Limit contacts (optional)	Sensor filter	Display (optional)
<b>Feel FHT<sub>Room</sub></b>  Best performance and widest range of variants	Room	<b>Rel. Humidity:</b> 0... 100 %rH <b>Temperature:</b> -40... 80 °C Switchable to: Enthalpy: -50... 400 kJ/kg Abs. Humidity: 0... 150 g/m <sup>2</sup>	± 2 %rH typ. (10... 90 %rH) ± 3 %rH typ. (≠ 10... 90 %rH)  ± 0,3 K (0... 50 °C) ± 0,5 K (≠ 0... 50 °C)	<b>Humidity:</b> Rel. Humidity: %rH Enthalpy: kJ/kg Abs. Humidity: g/m <sup>2</sup> <b>Temperature:</b> °C   °F   K	0... 10 V   2... 10 V 0... 20 mA   4... 20 mA Switchable in field	Modbus RTU Modbus TCP/IP (upcoming Q1/2025)	DIP-Switch   Software	2 x Open-Collector-Outputs (optional)	Wire mesh filter (Standard) Sinterfilter (optional)	Yes
<b>Feel FHT<sub>Duct</sub></b>  Best performance and widest range of variants	Duct	<b>Rel. Humidity:</b> 0... 100 %rH <b>Temperature:</b> -40... 80 °C Switchable to: Enthalpy: -50... 400 kJ/kg Abs. Humidity: 0... 150 g/m <sup>2</sup>	± 2 %rH typ. (10... 90 %rH) ± 3 %rH typ. (≠ 10... 90 %rH)  ± 0,3 K (0... 50 °C) ± 0,5 K (≠ 0... 50 °C)	<b>Humidity:</b> Rel. Humidity: %rH Enthalpy: kJ/kg Abs. Humidity: g/m <sup>2</sup> <b>Temperature:</b> °C   °F   K	0... 10 V   2... 10 V 0... 20 mA   4... 20 mA Switchable in field	Modbus RTU Modbus TCP/IP (upcoming Q1/2025)	DIP-Switch   Software	2 x Open-Collector-Outputs (optional)	Wire mesh filter (Standard) Sinterfilter (optional)	Yes
<b>Base BHT<sub>Room</sub></b>  Best price for high volume projects	Room	<b>Rel. Humidity:</b> 0... 100 %rH <b>Temperature:</b> -20... 80 °C	± 2 %rH typ. (10... 90 %rH) ± 3 %rH typ. (≠ 10... 90 %rH)  ± 0,3 K (0... 50 °C) ± 0,5 K (≠ 0... 50 °C)	<b>Humidity:</b> Rel. Humidity: %rH <b>Temperature:</b> °C   °F	0... 10 V   2... 10 V 0... 20 mA   4... 20 mA 0... 5 V Not switchable in field	Modbus RTU (upcoming Q1/2025)	-	-	Wire mesh filter (Standard) Sinterfilter (optional)	Yes
<b>Base BHT<sub>Duct</sub></b>  Best price for high volume projects	Duct	<b>Rel. Humidity:</b> 0... 100 %rH <b>Temperature:</b> -20... 80 °C	± 2 %rH typ. (10... 90 %rH) ± 3 %rH typ. (≠ 10... 90 %rH)  ± 0,3 K (0... 50 °C) ± 0,5 K (≠ 0... 50 °C)	<b>Humidity:</b> Rel. Humidity: %rH <b>Temperature:</b> °C   °F	0... 10 V   2... 10 V 0... 20 mA   4... 20 mA 0... 5 V Not switchable in field	Modbus RTU (upcoming Q1/2025)	-	-	Wire mesh filter (Standard) Sinterfilter (optional)	Yes