



Weather-Resistant Humidity/Temperature Transmitter

Compact Housing, Sintered Filter

Models Select Chart

EXAMPLE	WH T	2	1	1	Series WHT-211 Humidity/Temperature Transmitter, 2% accuracy, current 4-20 mA RH output, current 4-20 mA temperature output.
SERIES	WH T				Humidity/Temperature Transmitter
ACCURACY		2			2% 3%
RH OUTPUT			1		Current 4-20 mA Output
			2		Voltage 0-10 VDC Output
			3		Voltage 0-5 VDC Output
TEMPERATURE OUTPUT				0	None
				1	Current 4-20 mA Output
				2	Voltage 0-10 VDC Output
				3	Voltage 0-5 VDC Output
				A	10K Ohm TC Curve A
					10K Ohm TC Curve B
				B	3K Ohm TC Curve C
					100 Ohm RTD Curve D
				C	1K Ohm RTD Curve E
				D	
				E	

Specifications:-		
Relative Humidity Range	:	0 to 100% RH.
Temperature Range	:	-40 to 140°F (-40 to 60°C).
Accuracy, RH	:	±3% 20 to 80% RH, ±4% @ 10 to 20%, 80 to 90%.
Accuracy, Temp Models with 4 to 20 mA Temp. Output	:	±0.9°F @ 72°F (±0.3°C @ 25°C).
Accuracy, Temp Models with Passive Thermistor Temp Sensor	:	±0.4°F @ 77°F (±0.22°C @ 25°C).
Hysteresis, RH	:	±1%.
Repeatability, RH	:	±0.1% typical.
Temperature Limits	:	-40 to 140°F (-40 to 60°C).
Storage Temperature	:	-40 to 176°F (-40 to 80°C).
Compensated Temperature Range, RH	:	-4 to 140°F (-20 to 60°C).
4-20 mA Loop Powered Models	:	Power Requirements: 10 to 35 VDC; Output Signal: 4 to 20 mA.
0 to 10 V Output Models	:	Power Requirements: 15 to 35 VDC or 15 to 29 VAC; Output Signal: 0 to 10 V @ 5 mA max.
0 to 5 V Output Models	:	Power Requirements: 10 to 35 VDC or 10 to 29 VAC; Output Signal: 0 to 5 V @ 5 mA max.
Response Time	:	15 s.
Electrical Connections	:	Removable screw terminal block.
Drift	:	<1% RH/year.
RH Sensor	:	Capacitance polymer.
Temperature Sensor	:	4 to 20 mA output, solid state band gap. Passive output: 10K @ 25°C thermistor (Dwyer curve A).
Enclosure	:	ABS.
Enclosure Rating	:	Enclosure Rating
Weight	:	0.3 oz (8.5 g).
0.3 oz (8.5 g).	:	CE.