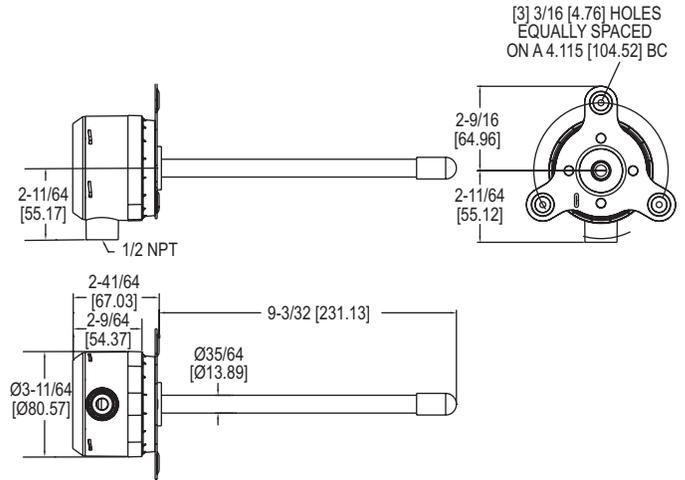
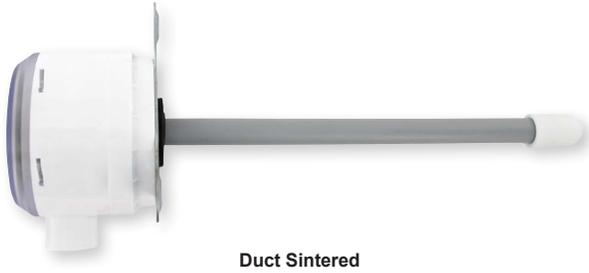


HUMIDITY/TEMPERATURE TRANSMITTER

Active Temperature Outputs, Sintered Filter



The **Series RHK Humidity/Temperature Transmitter** combines voltage or current humidity output with voltage or current temperature output to meet most HVAC system applications. Featuring polymer capacitance humidity sensors, models are available with 2% or 3% accuracies.

FEATURES/BENEFITS

- 2% or 3% accuracy models

APPLICATIONS

- Air economizers
- Pool room humidity monitoring

MODEL CHART						
Example	RHK	-3	M	1	1	RHK-3M11
Series	RHK					RH and temperature transmitter
Accuracy		2				2% accuracy
		3				3% accuracy
Housing Type			M			Duct mount with HDPE filter
RH Output				1		4-20 mA
				2		0-10 V
Temperature Sensor					1	4-20 mA
					2	0-10 VDC

SPECIFICATIONS

Relative Humidity Range: 0 to 100% RH.
RH Sensor: Capacitance polymer.
Temperature Range: -40 to 60°C (-40 to 140°F).
Temperature Sensor: Types 1 and 2: Solid state band gap.
Accuracy, RH: RHK-2XXX ±2% 10-90% RH @ 25°C; RHK-3XXX ±3% 20-80% RH @ 25°C.
Accuracy, Temperature: ±0.3°C @ 25°C (±0.9°F @ 77°F).
Hysteresis: ±1%.
Repeatability: ±0.1% typical.
Temperature Limits: -40 to 60°C (-40 to 140°F).
Storage Temperature: -40 to 80°C (-40 to 176°F).
Compensated Temperature Range: -20 to 60°C (-4 to 140°F).
4-20 mA Loop Powered Models: Power requirements: 10-35 VDC; Output signal: 4-20 mA.
0-10 V Output Models: Power requirements: 15-35 VDC or 15-29 VAC; Output signal: 0-10 V @ 5 mA max.
Response Time: 15 s.
Electrical Connections: Removable screw terminal block.
Conduit Connection: 1/2" NPS.
Drift: < 1% RH/year.
Enclosure Material: PBT.
Enclosure Rating: NEMA 4X (IP66) for housing only.
Weight: .616 lb (.3 kg).
Agency Approvals: CE.