




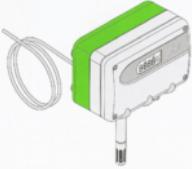




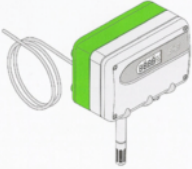





AirTest Industrial Humidity Transmitter Guide

 <p>Sensors That Make Buildings Smart!</p> <p>Manufactured By:</p>  <p>High Accuracy High Quality (ISO 9001)</p>	Typical Industrial/Process Control Applications			Low DewPoint	Explosion Proof
	EE23 http://www.airtest.ca/docs/rh/EE23.pdf	EE29 http://www.airtest.ca/docs/rh/EE29-31.pdf	EE31	EE35 http://www.airtest.ca/docs/rh/ee35.pdf	EE30ex http://www.airtest.ca/docs/rh/EE30ex.pdf
 Model A  Model B  Model C, D, F  Model E  Model G	 Model A  Model B  Model C, D, F  Model E  Model G				
Standard Features	Measures Humidity (0-100% RH) & Temperature (Option) IP65/NEMA 4 Enclosure 3 Piece Assembly For Easy Change Out & Calibration Choice Of Protective Filters Five Mounting/Hardwar Configurations Available Two Point, On Site Calibration Adjustment High Accuracy 1% Calibration Available Optional Display Variety Of Probe Lengths & Mounting Options Patented Durable Coating Available For Harsh Environments			Measures -60 to 60°C Dewpoint Auto Calibration Of Humidity 0-15 bar probe operational range 0-10 bar with Ball Valve Feedthrough Standard Range -40 to 60 DP Special Calibration -60 to 60 DP Relay/Alarm Output Selection Of Probe & Cable Lengths Temp Range -40 to 140°F (-40 to 60°C)	Measures Humidity (0-100% RH) & Temp (Option) Choice Of Protective Filters Three Mounting Configurations Varous Probe Lengths Available RS232 Serial Interface Current Or Voltage Output Pressure Tight Feedthrough Available High Accuracy 1% Calibration Available Replacible Measurement Probe Display Option Calculates All Major Humidity Variables Operates in Pressures 0.01 to 15 bar
Additional Features	PC Output Configuration Kit (Option)	PC Output Customization Kit Included Interchangeable Calibrated Sensing Probes (Model D & E)	RS232/RS485 Digital Data Output Network Up To 32 Sensors via RS485 Includes Data Logging And Analysis SW Calculated Values Available For Dew Point, Frost Point, Wet Bulb, Water Vapor Partial Pressure, Mixing Ratio, Absolute Humidity, Specific Enthalpy		
Key Specifications	Accuracy Standard Calibration ± 2% RH (0-90% RH) ± 3% RH (0-10%RH) Accuracy Special Calibration ± 1% RH (0-90% RH) ± 2% RH (0-10%RH) Response Time <15 seconds with metal grid filter			± 2°C T90= -20C increasing to -40 C 80 seconds T90= -40C decreasing to -20 C 10 seconds	± 2% RH (0-90% RH) ± 3% RH (0-10%RH) ± 1% RH (0-90% RH) ± 2% RH (0-10%RH) < 30 seconds
Model Differentiation					
Model A: Wall Mount With Plastic Probe	-40 to 140°F (-40 to 60°C)	-40 to 140°F (-40 to 60°C)	-40 to 140°F (-40 to 60°C)		Model A: -4 to 140°F (-20 to 60°C)
Model B: Duct Mount With Stainless Steel Probe	-40 to 176°F (-40 to 80°C)	-40 to 176°F (-40 to 80°C)	-40 to 176°F (-40 to 80°C)		Model D: -40 to 356°F (-40 to 180°C) (pressure tight feed through)
Model C: Remote Stainless Steel Probe	-40 to 248°F (-40 to 120°C)	See Model D (Below)	See Model D (Below)		Model F: -40 to 356°F (-40 to 180°C) (pressure tight feed through to 15 bar)
Model D: Remote Stainless Steel Probe	NA	-40 to 356°F (-40 to 180°C)	-40 to 356°F (-40 to 180°C)		
Model E: For Pressurized Applications (0.01 TO 15 bar)	NA	-40 to 140°F (-40 to 60°C)	-40 to 140°F (-40 to 60°C)		
Model F: Wall Mount With Rear Entry Cable	-40 to 140°F (-40 to 60°C)	-40 to 140°F (-40 to 60°C)	-40 to 140°F (-40 to 60°C)		
Model G: Meterology Applications	-40 to 140°F (-40 to 60°C)	NA	NA		
Visala Competitive Models	HMP231, HMP237	HMP223, HMP235, HMP234, HMP247, HMP228, HMP60UO/YO		HMP238	HMT360