

Features

- Suitable for OEM Applications
- 0 to 100%RH
- Fully Calibrated for Precise Humidity Measurement
- High Reliability & Long Term Stability
- Not Affected by Water Immersion
- High Resistance to Chemicals
- Very Low Temperature Dependency

Applications

Process Control Systems, Green Houses, HVAC, Environmental Studies, Ware House, Food Processing, Shipping & Storage, Refrigeration, Weather...etc.



Specifications

	RH-20	RH-35
Sensing Elements		
Humidity	Thin Film Capacitor	
Measuring Range		
Humidity	0 to 100%	
Accuracy (At 25°C, Power Supply = 5 VDC)		
Humidity	± 3% RH	
Long-Term Stability	< 2% RH per Year (Typical)	± 0.5% RH per Year (Typical)
Response	< 20 Sec. (90% at +23°C in Moving Air over 0.5 M/S)	< 10 Sec. (90% at +23°C in Moving Air over 0.5 M/S)
Outputs		
Humidity	1 to 3.6 VDC (into min. 10KΩ Load)	1 to 3.67 VDC (into min. 10KΩ Load)
Signal Connection	3-Wire	
Electrical Regulation		
Power Supply	4.75 to 5 VDC	
Consumption Current	2 mA (Max)	
Probe Dimensions	ø10 x L 59 mm	ø12 x L 75 mm
Probe Material	Patented Solid Polymer	
Environment		
Measurement Media	Air	
Ambient Temperature	-20 to 60°C	-40 to 80°C
Approvals	RoHS	