

Feature

- Suitable for OEM Applications
- 0 to 100% RH (Operating Temperature : -20 to 85°C)
- Fully Calibrated for Precise Humidity Measurement
- Very Low Drift Due to Wide Sensor Area
- SS Removable Filter
- Low Temperature Dependency



Applications

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

Specifications

Sensing Elements	
Humidity	P14 SMD
Measuring Range	
Humidity	0 to 100%
Accuracy (At 25°C, Power Supply = 5 VDC)	
Humidity	< ±3 % RH (15 % RH to 85 % RH at +23°C) < ±5 % RH (0 % RH to 15 % RH and >85 % RH at +23°C)
Response Time t_{63}	< 5 s (50 % RH to 0 % RH) at +23°C
Outputs	
Humidity	0.5 to 4.5 VDC (into minimum 10KΩ Load)
Signal Connection	3-Wire
Electrical Regulation	
Power Supply	4.75 to 5 VDC
Consumption Current	2 mA (Max)
Electrical Connection	3-Wire
Probe Dimensions	ø18 x L 88 mm
Filter	Stainless Steel (SS)
Environment	
Measurement Media	Air
Ambient Temperature	-20 to 85°C
Approvals	CE, RoHS