



Humidity / Temperature Sensor with weather Shield



Design specially for Remote Weather Monitoring

Applications include:

- Remote Weather Stations, meteorology
- Agricultural Research, Green House
- Environmental Monitoring
- Research & Development
- Humidity and Temperature monitoring

Technical Specifications:

Operating Humidity Range: 0% RH to 100% RH

Accuracy % RH: ± 3 % RH

Temperature Range: -25 C deg to +60 C deg

Analog output 0...100% RH: 4 to 20mA (load resistor 10 ohm) /
0 to 1 V / 0 to 5 V

Temperature Output: Platinum RTD

DIN EN 60751, F 0.15 Class A/

DIN EN 60751, F 0.1 Class Y (Selectable)

Humidity type: capacitive

Supply Voltage: 8 to 10 VDC

Operating Temperature Range: -40 C deg to +80 C deg

Cable: 2 meter

Features:

- » Ultra low-power design
- » Various analog Output
- » Precise humidity

Measurement

- » Easy to Intergrate

Optional Accessories and Selection:

- » Analog Output selection:

Model: AARHT1K-420: 4 to 20mA,

Model: AARHT1K- 001: 0 to 1 V,

Model: AARHT1K- 005: 0 to 5 V

- » Solar Radiation Weather Shiled

- » Cable 3 meter, selectable

- » Weather station mounting set

IMD Certified:



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