

Temperature and Humidity Sensor

METEOROLOGICAL SENSOR
DATASHEET

Balaji HydroMet Temperature and Humidity comes with the IP 65 Grade radiation shield which protected the sensor from the dust and water. This is a measuring instrument for measuring relative humidity, air temperature and air pressure. The sensor is characterised by high accuracy and a power-saving electronic.

- The sinter filter reliably protects the capacitive measuring element from air pollutants.
- Combined measuring instrument for high-quality
- Capacitive humidity measuring element
- Low maintenance
- Special resistance to air pollutants
- for use in all climatic zones
- Suitable sensor shelter

SENSOR - VIEW

PROFESSIONAL LINE	SPECIFICATION
Model	BHM-S-TH
Type	Capacitive
Temperature Range	-40° C to 125°C
Accuracy	±0.2°C Typical
Resolution	0.01°C Typical
Rel. Humidity Range	0 to 100%
Resolution	0.05 % RH typical
Accuracy	±2% (typical)
Long Term Stability	Typical < 1% RH/ Year
Repeatability	±0.1%
Output	I ² C interface/protocol RS 232 or RS 485 (Optional)
Radiation	Shield Provided
Leaf of Radiation Shield	08
Grade	IP 65 Housing
Power consumption	20 to 30 mA
Weight	100 grams
Input voltage	2.7 to 5.5 volts

APPLICATION - VIEW

- Environmental Temperature Measurement
- Ambient Temperature Measurement
- Hydrology
- Building technology
- Power plants
- Industry

