

Wind Direction Sensor

METEOROLOGICAL SENSOR
DATASHEET

Balaji Hydro Met Wind Direction Sensor is designed for knowing the wind direction measurements. Easy to deploy, it provides high precision with low maintenance. The Perfect Wind Direction for Professionals. The weather resistant and beautifully designed sensor has a given a 0 to 5 volts output high accuracy and easy connection to any external data loggers. General a IP 68 grade long durability is guaranteed by weatherproof materials.

- Single device or part of an automatic weather station
- Very reliable, and robust
- high-quality material
- Easy installation
- Connectable to any pulse input data logger manufacturer in the world. Also connected with Balaji HydroMet data such as compact datalogger, modest series datalogger and handheld logger.

Sensor - VIEW

PROFESSIONAL LINE	SPECIFICATION
Model	BHM-S-WD
Material	Aluminium and SS shaft and ABS Plastic
Vane Size	20 cm
Measuring Range	0 to 360°C (zero dead band)
Mechanics	Contactless potentiometer
Accuracy	1°
Output	0 to 5 volts
Wire	3-meter standard For extra available up to request
Design	Designed to be mounted on top of a pole or bracket Custom bracket available up request
Mounting Bracket	Supplied with an aluminium mounting bracket with 2 holes for screw
Temp Range	0 to 80°C
Input voltage	5 volts
Current consumption	12 to 15 mA
Grade	IP 68

APPLICATION - VIEW

- Wind Monitoring
- Tunnel wind monitoring
- Wind Ross Analysis
- Meteorological Study
- Forecast Predication
- Climate change studies

SENSOR WIRE COLOR CODE - VIEW

- **GREEN COLOR WIRE: GND**
- **RED COLOR WIRE: 5 VOLT INPUT**
- **YELLOW COLOR WIRE: OUTPUT (0 TO 5 V)**
- **0 V = 0° AND 5 V = 360°**

