

WSS-MB

Accurate Wind Speed

Compatible with dataloggers



IP 65



Overview

Wind speed sensors manufactured by VSIAS under brand Visionsen, is a three-cup anemometer that monitors wind speed for the range of 0 to 60 m/s. You can connect to a data logger, which measures the sensor signal and converts the signal to engineering units and monitoring datas.

Application Areas

Solar Power Plants

Professional meteorological application

Wind turbines

Ship weather station

Traffic and industrial meteorology

Wind warning

Specifications

Electrical Specifications

Measuring range	0 to 60 m/s (0 to 134 mph)
Accuracy	± 2%
Resolution	0.01 m/s
Operating Temperature	-20°C ~ 70°C
Starting Value	0.1 m/s
Supply Voltage	9-28 VDC
Power Consumption	25mA @24VDC
Measuring Principle	Optical Measurement Instrument (OMI)
Protocol and Connection Output	Modbus RTU - RS485

Mechanical Specifications

Dimensions	198xØ45mm
Housing	Resistant Aluminium
Protection	IP65

Cable and Connection Specifications

Cable Description	3m Cable
White	Power +
Black	Power -
Blue	Data +
Brown	Data -

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Starting Value	0.1 m/s
Supply Voltage	9-28 VDC
Power Consumption	25mA @24VDC
Measuring Principle	Optical Measurement Instrument (OMI)
Protocol and Connection Output	Analog - 4-20mA

Mechanical Specifications

Dimensions	198xØ45mm
Housing	Resistant Aluminium
Protection	IP65

Cable and Connection Specifications

Cable Description	3m Cable
White	Power +
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