

WDS-MB

Accurate Wind Direction

Compatible with dataloggers



IP 65



Overview

Wind direction sensors manufactured by VSIAS under brand Visionsen, is a s a wind vane that measures wind direction only. Wind Vane measures wind direction from 0 to 360 degrees with a 1 degree accuracy specification. Wind direction is sensed with a potentiometer.

Application Areas

Solar Power Plants

Professional meteorological application

Wind turbines

Ship weather station

Environmental measurement technology

Industrial applications

Specifications

Electrical Specifications

Measuring range	0 to 60 m/s (0 to 134 mph)
Accuracy	± 2%
Resolution	1°
Operating Temperature	-20°C ~ 70°C
Starting Value	0.7 m/s
Supply Voltage	9-28 VDC
Power Consumption	20mA @24VDC
Measuring Principle	Industrial Potentiometer or Hall Sensor
Protocol and Connection Output	Modbus RTU - RS485

Mechanical Specifications

Dimensions	198xØ45mm
Housing	Aluminium Resistant
Protection Class	IP65

Cable and Connection Specifications

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

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Starting Value	0.7 m/s
Supply Voltage	9-28 VDC
Power Consumption	20mA @24VDC
Measuring Principle	Industrial Potentiometer or Hall Sensor
Protocol and Connection Output	Analog - 4-20mA

Mechanical Specifications

Dimensions	198xØ45mm
Housing	Aluminium Resistant
Protection Class	IP65

Cable and Connection Specifications

Cable Description	3m Cable
White	Power +
Black	Power -
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