

# VSensDB-D

Wind Direction Sensor



 **dualBASE**<sup>®</sup>  
decoding the environment



Hydrology



Meteorology



Agrometeorology



Sun



Wind



# VSensDB-D

Wind Speed Sensor



## APPLICATIONS



Hidrology



Meteorology



Agrometeorology



Sun



Wind

## OVERVIEW

The VSensDB-D is a wind direction sensor from the VSensDB-Series. It is designed for accurately measuring the horizontal direction of the wind. It's special design, without potentiometers, makes it more reliable and robust than most of its counterparts in the market.

## SPECIFICATIONS

### Measurement Range

0 - 360°

### Accuracy<sup>(1)</sup>

3° @ 0 - 360°

### Maximum Windspeed Survival

80 m/s

### Transducer type

Electronic

### Starting Threshold

0,5 m/s

### Operating Environment

Temperature: -40 a 80 °C

Humidity: 0 a 100% (non condensing)

### Output Signal<sup>(3)</sup>

Analog

### Power Supply

8 to 28 Vcc

### Cable Length

3 meters (padrão)

### IP Rate

IP67

### Open

Típica: 3°

Máxima: 5°

## PRODUCT DETAILS

- Anodized aluminum metal body;
- Stainless Steel CounterWeight;
- No potentiometer sensor;
- PU Cable with UV Protection;
- Can be provided with anodized aluminum support;<sup>(2)</sup>

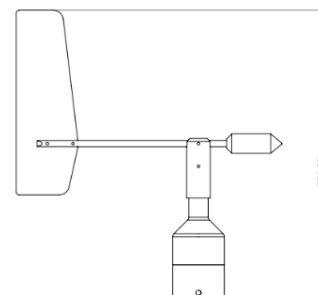
**NOTES:** 1 - Range factor k=2 for a confidence level of 95%; 2 - Can be provided with supports;;  
3 - Other digital output signals are available, contact us;

- **VSensDB-D-E:** Available in special versions. Contact Us.



Features may change without prior notice. Mar/2022

## DIMENSIONS



## MANUFACTURER



**Manufacturer:** Dualbase Tecnologia Eletrônica LTDA.

**Brand:** Dualbase

**Model:** VSensDB-D

**Type:** Wind Direction Sensor

## REPRESENTATIVE