

Velocity and Direction Wind

OUTSTANDING CHARACTERISTICS

- For meteorological and ambient studies
- For air and / or maritime, mobile or fixed stations
- For hydrometeorology
- High Reliability and Accuracy
- Output signals compatible with: local or remote, analogical or digital recorders, Meteorological Stations or preventive networks



DESCRIPTION

▪ MODEL TS 231 – Anemometer

It is a 3 cups rotor wind speed measuring device.

A stainless steel body and shaft, and stainless material bearings ensure a long effective life.

Minimal friction allows very low air velocity starting threshold.

The main shaft rotation is optically detected, providing a train of pulses proportional to shaft rotation rate as output signal and an analogic output signal.

▪ MODEL TS 232 – Wind vane

It is a small adequate surfaced vane, whose body and shaft are constructed in stainless steel. It's stainless material bearings ensure minimal friction, allowing very low air velocity starting treshold.

Wind direction is measured by means of a continuous precision potentiometer attached to main shaft. As wind direction changes, forces the vane to move, and a signal between 0 and 360 degrees is obtained at the output.

SPECIFICATION

▪ MODEL TS 231 – Anemometer

Threshold: 0.5 m/s
Accuracy: +/- 1%
Range: 0.5 to 60 m/s (0.1 to 100 mph)
Operation temperature range: -20 to 60°C
Output signal: Pulse and analogic 0-4 V; 0-300 MHz
Power requirement: 8 to 16 Vdc to 10 mA
Cup diameter: 52 mm (aprox. 2")
Turning radius: 92 mm (aprox. 3.6")
Body size: H 273 x D 60 mm (aprox. 10.7" x 2.4")
Mounting: On an anemometric pole and arm

▪ MODEL TS 232 – Wind Vane

Threshold: 0.5 m/s
Accuracy: +/- 3°
Range: 0 to 356 degree
Operation temperature range: -20 to 60°C
Turning radius: 280 mm (aprox. 10")
Body size: H 273 x D 60 mm (aprox. 10.7" x 2.4")
Mounting: On an anemometric pole and arm

ACCESORIES

- AS 235 Anemometer arm and pole
- AS 233 External electrical heater (12 Vcc, 1 A)

Request for other specification

Made in Argentina

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