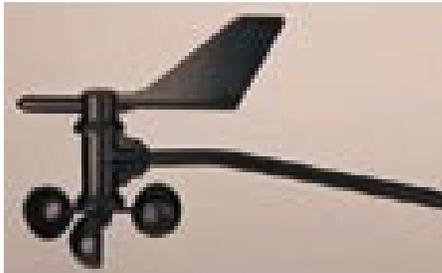


LOW COST ANEMOMETER & VANE type 7911



7911

The **low-cost** Anemometer 7911 includes both wind speed and wind direction sensors. Rugged components stand up to hurricane-force winds, yet are sensitive to a light breeze. Includes sealed stainless-steel bearings for long life. The range and accuracy specifications of this unit have been verified in wind-tunnel tests. The 7911 anemometer reported wind speeds of 250 km/h before its tower collapsed during hurricane Andrew, 1992. In areas where icing of the anemometer is a problem, use the (standard supplied) Anemometer Drip Rings to deflect water from the joint between moving parts. Many thousands of units are (worldwide) successful in operation.

SPECIFICATIONS

General:

WindSpeed	Wind cups and magnetic switch
WindDirection	Wind vane and potentiometer
Attached Cable Length.	12m
Cable Type	4-conductor, 26 AWG
Connector	Modular connector (RJ- 11) or 4 wires
Recommended Maximum Cable Length	up to 75 meter

Material:

Wind Vane and Control Head	UV -resistant ABS
Wind Cups	Polycarbonate
Anemometer Arm	Black-anodiled aluminum
Dimensions	89 mm x 83 mm x 38 mm
Weight	1,3 kg

Range

Wind Speed (See Note 1)	78 m/s
Wind Direction	0° to 360°

Accuracy

Wind Speed	5 % (Optional individual calibration certificate available)
Wind Direction	7 degr.

Input/Output Connections

Black	Wind speed contact closure to ground
Green	Wind direction pot wiper (360° = 20 kOhm)
Yellow	Supply voltage for pot.

EKOPOWER

Measuring & Monitoring Systems for Energy & Environment

Red

Ground