

WIND SPEED SENSOR

The sensor measures exactly the speed of wind.

It is a useful in combination to the other sensors and to complete the private weather station.



TECHNICAL DATA

Sensor	Cup Anemometer
Output signal	Rectangle: Low $\leq 0,5V$ / High $\geq 3,5V$
Calibration factor	5,22 Hz = 1km/h 18,79 Hz = 1m/s
Threshold	2,5m/s wind speed
Resolution	1m/s; 1km/h
Accuracy	$\pm 5\%$ at wind speed $\geq 5m/s$
Degree of protection	IP54
Ambient temperature	-20°C to +60°C; -4 F to 140 F
Dimensions	85 x 93 x 115 mm
Cable	2m Cu-cable; ferrules, UV-resistant
Max. cable length (distance: Sensor Card/Box – sensor)	30m
Fronius Art. Nr.	42,0411,0027