

# Meteo M&R

## wind measurement



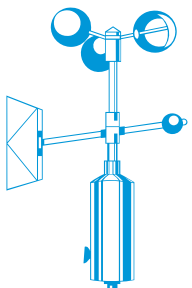
## 805 wind display

WIND SPEED UP TO 30 M/S

FULLY ELECTRONICAL

3 CLEAR LED'S

Wind display 805 has been developed by Wittich & Visser. A development which builds on years of experience with measurements of wind speed and wind direction. This fully electronic device can be easily built into instrument panels.



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# wind measurement

## 805 wind display

### FEATURES

- wind speed up to 30 m/s
- fully electronic
- 3 clear LED's for wind speed display
- wind rose with 36 LED's in a circle for direction display
- two analogue output signals for speed and direction



**Wind display 805 has been developed by Wittich & Visser. A development which builds on years of experience with measurements of wind speed and wind direction.**

This fully electronic device can be easily built into instrument panels. Wind speed is displayed by 3 large LED's as a number whereas wind direction is indicated using 36 LED's around a windrose. One can

choose between smooth or intercepted display of wind direction.

### data processing

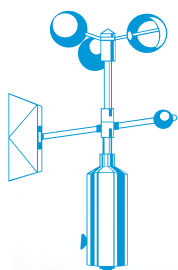
Through two adjustable analogue outputs the wind display 805 can be connected to any device accepting analogue signals (computer, recorders, dataloggers). Typical applications for the measurement of wind speed and wind direction are found in meteorology for airports, indu-

stry, offshore, building automation and environmental studies.

A variety of sensors for wind speed and wind direction which can be connected to the wind display 805 are available at Wittich & Visser.

### TECHNICAL SPECIFICATIONS

Power Supply	230 VAC (24 VAC or 12 VDC optional)
Measuring range	0..30 m/s optional other ranges available
Display wind speed	LED display with 3 digits in 0.1 m/s
Display wind direction	Wind rose, 36 LED's
Analogue output	2 Voltage outputs 0.. 10 V (adaptable). Maximum load 1 kOhm. The analogue outputs can be adapted with two potentiometers. Relais output for slave unit 8WA-D
Settings behind front screen	Using 6 dip switches the calibration can be checked and the display of wind direction can be changed between smooth or intercepted display
Dimensions housing	HxWxD = 96x96x124 mm (incl. connection strip) for panel built in according DIN 43700, sparing 90x90 mm
Sensors	Wind speed sensors which can be connected to the 805 are the PAH, PAH-LT, PAH-RU, PAH-G, PRF, PRV wind direction sensors and optional the combined WindSonic or WindObserver II sensor (805-WS).
Accessories	Bracket PB for easy mounting of the sensors on a mast of 31 mm diameter (max). Lowerable stainless steel 4 m mast SM with nuts and bolts for mounting against a roof house



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