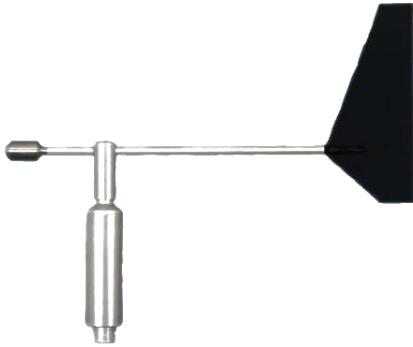




M I E R I J
M E T E O S Y S T E M S

MW 12 WIND VANE

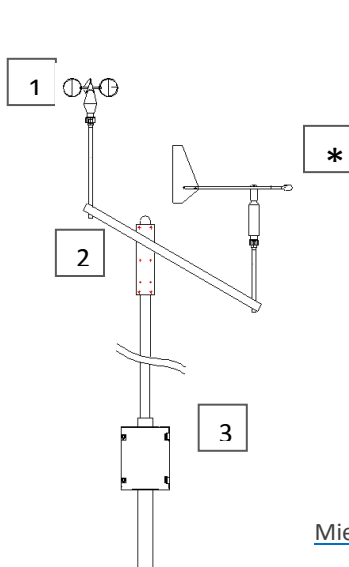
For accurate, professional wind direction measurement



- Practical, light-weight materials
- Well-designed for minimizing overshoot
- Available in various conditions
- 256 directions identifiable
- Assured quality along international standards
- Compatible with optional devices

The professional top-line wind vane MW 12 has a very low overshoot ratio. The lightweight materials, the relatively high blade, the contactless determination of the blade position and the excellent counterbalancing of the vane assembly help to minimize this ratio. Being well balanced, Mierij Meteo's wind vane does not have any preferred position. The wind vane has a range of 0 to 360 degrees. As the instrument can identify 256 directions, its resolution is 1.4°. The wind vane is protected against inductive interference in accordance with prevailing international standards. The sensor can easily be connected to peripheral equipment, which is also available from Mierij Meteo. Meteorological advice regarding suitable locations can be obtained from Mierij Meteo.

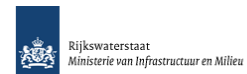
Installation Examples



Options/Accessories

- * MW 12
- 1 MW 11 Anemometer
- 2 MW 81 Mounting Bracket, Professional Class
- 3 MU 32 Electronics Unit/ datalogger

Users



[Mierij Meteo Weltevreden 4-A 3731 AL De Bilt The Netherlands](http://www.mierijmeteo.nl)

Tel +31 30 2200064 Fax +31 30 2204264 [info@mierijmeteo](mailto:info@mierijmeteo.nl)



TECHNICAL SPECIFICATION: MW 12

PERFORMANCE	
Operating Range	0...360°
Resolution	1.4°
Code Disc Error	< 0.7°

PHYSICAL	
Dimensions	620 x 520 mm, housing Ø 60 mm
Weight	1.75 kg
Material	Anodized aluminium
Operating Temperature	-25...+60°C
Static Discharge	The instrument is protected against outside inductive interference up to a discharge power of 1500 Watt
Protection	IP-65

INSTALLATION	
Installation	Vertically, free-standing
Mounting & Connection	Combined in a 5-pole Instrument plug

ELECTRICAL	
Supply Voltage	15 VAC, 18...24 VDC
Power Consumption	110mA
Output Signal	Digital differential "+/-" 8 V
Output Impedance	400Ω /10 nF

OTHER	
Maintenance	At 1 to 2-year intervals, depending on local conditions
Calibration Certificate	A calibration certificate with a validity of 1 year is available on request
Warranty	2 years