



WIND VANE MODEL MW 12

The professional top-line wind vane MW 12 has a very low overshoot ratio. This ratio depends on the moment of force, the friction and the moment of inertia.

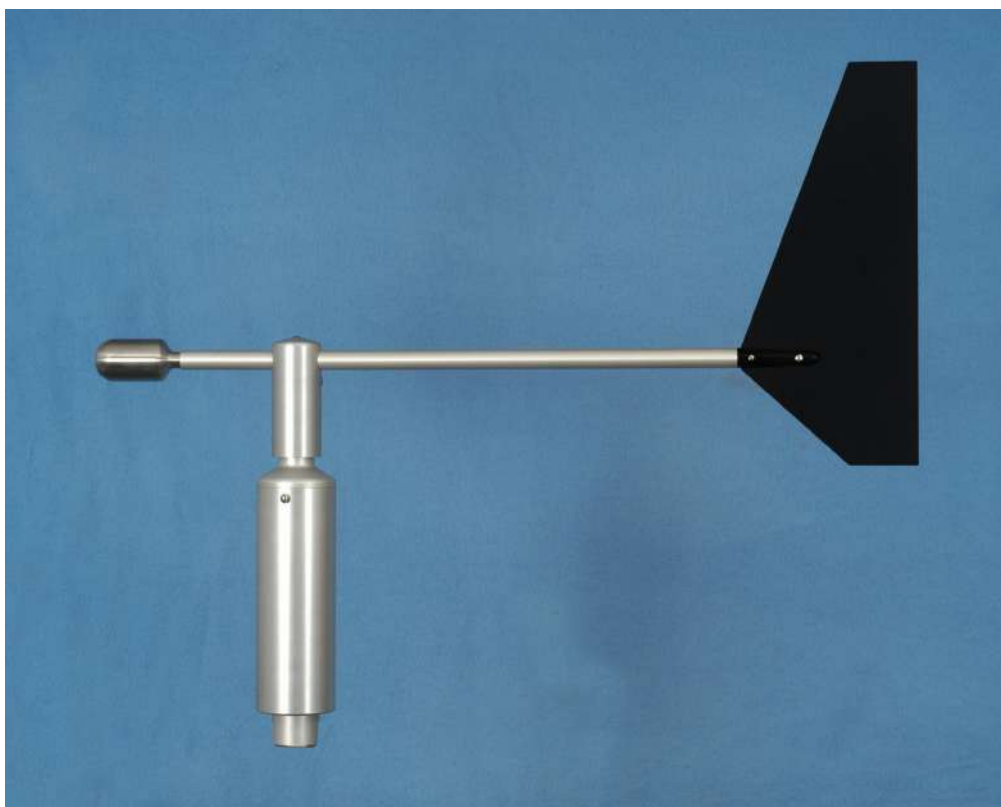
The lightweight materials, the relatively high blade, the contactless determination of the blade position and the excellent counterbalancing of the vane assembly help to minimize this ratio. Being well balanced, Mierij Meteo's wind vane does not have any preferred position.

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.





TECHNICAL SPECIFICATIONS:

MODEL MW 12

PERFORMANCE

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

PHYSICAL

Dimensions:	544 x 546 mm, housing Ø 60 mm.
Weight:	2.2 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:	1/2" female gas thread.
Connection:	4 x 0.34 mm ² shielded cable.

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:	1 year.