



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

# MW 36 WIND VANE

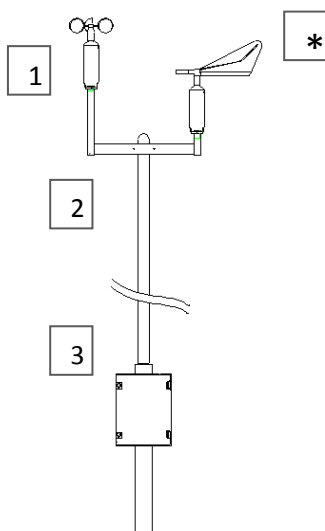
For accurate, professional wind direction measurement



- Highly reliable universal wind sensors
- Designed for industrial applications
- Wide range of outputs
- Shock and vibration proof
- All-weather resistant

Mierij Meteo MW 36 Wind Vane is specifically developed for industrial applications, and enables you the fastest, reliable wind direction measurement in various situations. MW 36 is a heavy duty, robust and accurate sensor protected against static discharge and can be mounted using  $\frac{3}{4}$  inch gas thread. It is fitted with a magnetic encoder and has no electro-mechanical parts. Also, an embedded heater keeps the sensor ice-free down to at least  $-40^{\circ}\text{C}$ . MW 36 is compatible with a wide range of data acquisition systems, and internal micro controller enables you a number of universal industrial outputs. MW 36 is supplied with 5 meter of signal/ power cable and operates on 12-24 VDC.

## Installation Examples



## Options/Accessories

- \* MW 36
- 1 MW 35 Anemometer
- 2 MW 83 Mounting Bracket, Industrial Class
- 3 MU 32 Electronics Unit/ datalogger

## Users



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# TECHNICAL SPECIFICATION: MW 36

PERFORMANCE	
Operating Range	0 - 360 °
Resolution	8 bit / 1.4 ° (internally)
Starting Speed	< 0.8 m/s
Maximum Wind Load	80 m/s
Inaccuracy	< 3 °

PHYSICAL	
Size:	270 x 270 x ø43 mm (without cable)
Weight:	0.8 kg

ELECTRICAL	
Power Supply	10.8 to 30 VDC
Sensor Consumption with 4-20 mA output	35 mA @ 12 VDC / 30 mA @ 24 VDC
with other outputs	15 mA @ 12 VDC / 10 mA @ 24 VDC