



COMBINED WIND SENSOR "WENTO-MET"

Wind direction and wind speed

Extreme weather conditions...

are no problem at all for this extremely robustly designed sensor. The high-quality construction with integrated, electronically controlled heating allows reliable wind measurement even under extreme weather conditions. Special alloy and double high-performance bearings provide for supreme ruggedness and long service life.

- very broad measuring range
- simple and rapid pipe mounting, connection with only one cable
- serial interface for direct connection to PC technology
- contactless data acquisition

industrial applications • wind power plants • building automation • environmental measurements in all climatic zones



Professional Line	(14516) Combined Wind Sensor WENTO-MET		Ident-Nr. 00.14516.010 001
Parameters:	Measuring range:	Accuracy:	Resolution:
Wind direction:	0...360°	± 1°	< 1°
Wind speed:	0.3...75 m/s	± 2 % FS at 0.3...50 m/s	< 0.1 m/s
Range of application:	temperature -30...+70 °C heated • wind speed 0...80 m/s • 0...100 % r. h.		
Protocols:	NMEA 0183 • WIMWV		
Interface:	serial RS 422/ Talker Baud rate 4800 • 1 Hz (at measuring cycle 10 Hz) • 8 N 1		
Supply voltage:	sensor 11...28 VDC/ 50 mA at 24 VDC, max. 120 mA • heater electr. controlled 24 VDC/ 2 x 9 W		
Housing:	saltwater-proof aluminium especially-anodized, protective paint (RAL 9006) • IP 65 in upright position		
Dimensions/ Weight:	H 440 mm • B max. 475 mm • mast mounting: Ø 51 mm pipe • 2.3 kg		
Accessory:	Cable 10 m • with 12-pole bayonet plug • ready-made		
Options:	Visualisation and evaluation software MeteoWare-CS3		
	Data logger met[LOG]		
	Display unit METEO-LCD/IND		