

WENTO-MET COMBINED WIND SENSOR



Extreme weather conditions

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

APPLICATIONS

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

Professional Line	WENTO-MET
Id-No.	00.14516.010001
Meas. range wind direction	0...360°
Meas. range wind speed	0.3...75 m/s
Accuracy wind direction	± 1°
Accuracy wind speed	± 2 % FS at 0.3...50 m/s
Resolution wind direction	1°
Resolution wind speed	0.1 m/s
Protocols	NMEA 0183 • WIMWV
Interface	serial RS 422/ Talker baud rate 4800 • 1 Hz (at measuring cycle 10 Hz) • 8 N 1
Range of application	temperature -30...+70 °C heated • wind speed 0...80 m/s • 0...100 % r. h.
Supply voltage	sensor 11...28 VDC/ 50 mA at 24 VDC, max. 120 mA • heating electr. controlled 24 VDC/2x9 W
Dimensions	H 440 mm • B max. 475 mm • mast mounting: Ø 51 mm pipe
Housing	seawater resistant aluminium specially coated and protective paint (RAL 9006) • IP 65 in upright position
Weight	2.3 kg
Options (order separately)	Id-No. 36.09340.000 000 • Visualisation and evaluation software MeteoWare-CS3 Id-No. 00.95800.010 000 • Data logger met[LOG] Id-No. 00.14742.401 002 • Display unit METEO-LCD/IND
Accessories (order separately)	Id-No. 32.16420.066100 • Sensor cable, 10 m • 12-pol. bayonet plug • assembled