



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 equipment • environmental measurements in all climatic zones

Professional Line (14516) Combined Wind Sensor WENTO-MET Ident-Nr. 00.14516.010 001

Parameters:

Wind direction:
Wind speed:

Measuring range:

0...360°
0.3...75 m/s

Accuracy:

± 1°
± 2 % FS at 0.3...50 m/s

Resolution:

< 1°
< 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 V_{DC} / 50 mA at 24 V_{DC}, max. 120 mA • heater electr. controlled 24 V_{DC}/2x9 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

Accessories:

Indicator e. g. (14742) METEO-LCD • **Data logger** e. g. SYNMET • **Meteo LAN Communicator (95666)**

Traverses/ masts/ software/ power supply units see "Periphery"

32.16420.066 100

(1642 U66) Cable 10 m • with 12-pole bayonet plug • ready-made