

24512 COMBINED WIND SENSOR



Practice-optimized combi sensor

for reliable wind data. The axes of the double-bladed wind vane and the cup rotor run independently in precision ball bearings. Smooth running, low wear and long service life result from this. The combined wind sensor 24512 ensures reliability and high confidence in the measurement results.

- compact and robust
- corrosion and seawater resistant
- low starting values
- high measuring accuracy and linearity over the entire measuring range
- easy installation

APPLICATIONS

- container terminals
- industrial applications
- classical meteorology (Swiss standard)
- meteorological measurement networks in harsh climatic zones

Professional Line	24512
Id-No.	00.24512.205010
Meas. range wind direction	0...360°
Meas. range wind speed	0...60 m/s
Accuracy wind direction	2.5°
Accuracy wind speed	0.7 m/s
Resolution wind direction	1°
Resolution wind speed	0.1 m/s
Starting value	wind direction: 0.8 m/s • wind speed: 0.2 m/s
Protocols	NMEA 0183 • WIMWV
Interface	serial RS 485/ Talker baud rate 4800 • 1 Hz (at measuring cycle 4 Hz) • 8 N 1
Range of application	temperatures -35...+70 °C • wind speed 0...60 m/s
Supply voltage	24 VDC
Measuring elements	wind direction: double-blade wind vane • wind speed: 3-armed cup rotor
Dimensions	cup rotor Ø 278 mm • H 500 mm • for mounting pipe Ø 50 mm
Housing	aluminium - PAL 9002 (grey-white) • partly grey painted

PRODUCT-VIEW

Data logger Ser[LOG] • Visualisation and evaluation software Meteo Win-e-f 3 • Display Unit METEO-LCD/NAV



Accessories (order separately)

32.16420.066100 Sensorkabel, 10 m • 12-pole bayonet plug



As of: 29.03.2024

AN **aem** BRAND