

WIND SENSORS "PRO-Modbus"

Wind direction and wind speed

The Modbus RTU interface...

simplifies the integration of the sensors into networks and allows the construction of long communication distances.

PRO-Modbus sensors are predestined for use in areas subject to lightning. Their improved protection against electrostatic discharge in combination with the interference-proof communication ensures a high integrity of your data.

PRO-Modbus sensors with their integrated, regulated heating system provide you with reliable work as a tireless endurance runner in all-year use and in most climatic zones.

- improved protection against electrostatic discharge
- especially robust due to reinforced axis
- high measuring range of 75 m/s
- low starting values of < 0.5 m/s
- very high resolution of measuring

professional meteorological applications • building automation • photovoltaic systems • industrial meteorology

Standard Line



Id-No. (14523) Wind direction Id-No. 00.14523.131 030 (14524) Wind speed Id-No. 00.14524.10 030 Measuring elements: wind vane • aluminium · special surface 3-armed cup • aluminium · special surface Measuring range: 0360° 0.575 m/s Accuracy: 2° 0.3 m/s ≤ 10 m/s • 0.5 m/s60 m/s Resolution/ Starting value: <1° • < 0.5 m/s < 0.1 m/s • < 0.5 m/s Output: Modbus RTU Modbus RTU Measuring rate: 4 Hz 4 Hz Weight: 0.4 kg 0.35 kg Measured values: instantaneous value · average value · minimum value · maximum value Measuring principle: Hall Sensor Array, non-contact Range of application: temperatures -40+70 °C · heated • wind speed max. gusts 100 m/s • humidity 0100 % r.h. Supply voltage: 24 VDC (2032 VDC with heating (ON) · 4.532 VDC without heating (OFF)) · 18 W heating· max. 800 mA · The heating within the sensor head prevents blocking of the moving parts under most climatological conditions. Connector: 4-pole M12 plug connector Housing: seawater-resistant aluminium · IP 65 in upright position · M12 cable-plug connection · stainless steel nut and lock washer	Standard Line	Willia Schisors File Woulday	
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