

REED WIND SPEED SENSOR



Particularly energy-saving...

...and economical is the wind speed sensor REED. The slim, flow-optimised outer geometry ensures reliable and precise measurements. For highest stability under load and safe long-term use we rely on robust materials such as seawater-resistant aluminium for the housing. The compact sensor with its simple mounting principles additionally provide a high degree of flexibility.

- wearfree data acquisition
- robust housing
- fail-safe cup rotor
- double precision bearing

APPLICATIONS

- building services
- environmental measurements
- stadiums
- industrial meteorology
- controlling of jalousies

Professional Line	REED wind speed sensor
Id-No.	00.14595.211070 Wind speed sensor REED, unheated 00.14595.201070 Wind speed sensor REED, heated
Measuring range	0.7...50 m/s
Accuracy	2 % FS
Resolution	0.26 m/s
Starting value	0.7 m/s
Output	frequency · 0...192 Hz = 0...50 m/s
Range of application	temperatures -40...+70 °C heated *) · wind speed up to 60 m/s · rel. humidity 0...100 % r. h. (non-condensing)
Strongest wind impact velocity	60 m/s
Supply voltage	6 W heating · nominal 24 VDC *) · *) (The heating in the sensor head also allows operation in winter, but cannot prevent the sensor from freezing under all climatic conditions.)
Measuring elements	3-armed cup rotor · breakproof plastic
Measuring principle	reed switch · non-contact
Dimensions	width of cup rotor = 95 mm
Housing	seawater resistant aluminium · anodized · IP 65 · for bores with Ø 30 mm at max. 10 mm material thickness
Weight	approx. 0.35 kg
Standards	VDI 3786, sheet 2 · WMO No. 8
Accessories (order separately)	Id-No. 32.05005.001500 · 15 m sensor connection cable with plug connector M12, 5-wire Id-No. 32.14627.010000 · Traverse for wind sensors Id-No. 32.14567.006000 · Adapter for mast mounting
Connectable to	Ser[LOG] · met[LOG]

As of: 03.03.2020