



# WIND SENSOR "REED"

Wind speed

## 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

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



## Standard Line

## Wind Speed Sensor REED

### Versions:

**Id-No. 00.14595.211070** · Wind speed sensor, unheated  
**Id-No. 00.14595.201070** · Wind speed sensor, heated

Measuring element:

3-armed cup rotor • breakproof plastic

Measuring principle:

reed switch · non-contact

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

Ranges 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

Current consumption:

6 W heating · nominal 24 VDC \*)

Housing:

seawater resistant aluminium • anodized • IP 65 • for bores with Ø 30 mm at max. 10 mm material thickness

Dimensions:

see dimensional drawing

Weight:

approx. 0.35 kg

Standards:

VDI 3786, sheet 2 • WMO No. 8

Connectable to:

Ser[LOG] · met[LOG]

Accessories: (please 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

\*) The heating in the sensor head also allows operation in winter, but cannot prevent the sensor from freezing under all climatic conditions.

**InstruFiber**  
INSTRUMENTAÇÃO E FIBRA ÓPTICA

**11 4172-0606**  
**11 4386-0362**