PRODUCT-VIEW

LAMBRECHT meteo

AN aem BRAND

REED WIND SPEED SENSOR

Energy saving meets accuracy

The REED wind speed sensor is particularly energy-efficient and cost-effective to acquire. Its sleek, aerodynamically optimized exterior geometry ensures safe and precise measurements. For maximum durability and reliable long-term use, we utilize robust materials, including seawater-resistant aluminum for the housing. Additionally, the compact sensor offers a high degree of flexibility thanks to its simple mounting principles.

- Wear-free measured value acquisition for longevity
- Rugged housing for all weather conditions
- Break-proof cup rotor for increased reliability
- Dual precision ball bearings ensure high accuracy

APPLICATIONS

- Mobile Elevating Work Platform (MEWP)
- Cranes
- Building services engineering
- Blinds control
- Sports facilities

Professional Line	REED
Id-No.	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

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Professional Line	REED
Range of application	temperature -40...+70 °C; 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)	32.14581.060000 10 m sensor connection cable with plug connector M12, 5-wire 32.14627.010000 Traverse for wind sensors 32.14567.006000 Adapter for mast mounting
Connectable to	Data logger Ser[LOG] and met[LOG]

As of: 04.03.2025