PRODUCT-VIEW

LAMBRECHT meteo

AN aem BRAND

ORA WIND DIRECTION SENSOR

Robust and with replaceable measuring element

The ORA wind direction sensors are characterized by their high precision and great robustness. With their low power consumption of less than 2 mA, they are ideal for solar-powered applications. The sensor is made entirely of seawater-resistant aluminum and the cup star can be easily replaced on site if necessary. The ORA also offers IP 65 protection in the vertical operating position.

- Low power consumption
- All-metal housing made of seawater resistant aluminium
- Field-replaceable wind vane made of seawater-resistant aluminum
- Protection class IP 65 in upright position

APPLICATIONS

- Wind turbines
- Professional weather stations
- Agriculture
- Solar powered applications

Professional Line	ORA
Id-No.	00.14594.120000
Measuring range	0...360°
Accuracy	< ± 2°
Resolution	1°
Starting value	0.4 m/s
Output	0...2.5 V = 0...360°
Strongest wind impact velocity	80 m/s
Supply voltage	4...15 VDC
Current consumption	< 2 mA (low power)
Measuring principle	Magnetical positioning encoder system (MPES)
Dimensions	Wind vane L 230 mm; H 256mm
Housing	Seawater resistant aluminium; IP 65; for bores with Ø 30 mm at max. 10 mm material thickness; incl. plug connector
Weight	Approx. 0.95 kg
Standards	VDI 3786, sheet 2; WMO No. 8
Accessories (order separately)	ID 32.14627.010000 Traverse; sensor distance: 75 cm ID 32.14567.006000 Mast adapter; diameter: 50 mm ID 32.14567.060000 Sensor cable with plug connection, length: 12 m

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