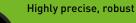
IP 65

LP



## AN **aem** BRAND

ORA WIND SPEED SENSOR



and professional are these new wind sensors of the ORA-family. The low power consumption of < 2 mA makes this sensor ideally suitable for solar powered applications. The sensor is completely made of metal and if necessary the cup rotor is easy to change in the field.

- · Low power consumption < 2 mA
- · All-metal housing made of seawater resistant aluminium
- · On site changeable cup rotor made of seawater resistant aluminium
- $\cdot$  Protection class IP 65 in upright position

## **APPLICATIONS**

- $\cdot\,$  Wind turbines
- · Professional weather stations
- $\cdot$  Agriculture
- · Solar powered applications

Professional Line	ORA
ld-No.	00.14594.220100
Measuring range	0.475 m/s; ± 0.3 m/s ≤ 10 m/s; ± 1 % FS50 m/s
Accuracy	± 0,5 m/s
Resolution	± 0,1 m/s
Starting value	0.4 m/s
Output	02.5 V = 075 m/s
Strongest wind impact velocity	80 m/s
Supply voltage	415 VDC
Current consumption	2 mA (low power)
Measuring principle	Magnetical positioning encoder system (MPES)
Dimensions	cup rotor Ø 108 mm - H 192 mm
Housing	seawater resistant aluminium; IP 65; for bores with Ø 30 mm at max. 10 mm material thickness; incl. plug connector
Weight	approx. 0.90 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