

# ORA WIND DIRECTION SENSOR

**IP 65**  
 PROTECTION  
 RATING

**AI**  
 METAL  
 MATERIAL

**0 - 2.5 V**  
 ANALOG  
 OUTPUT

**LP**  
 LOW  
 POWER


Highly precise, robust

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
- 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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