

# 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.

- 4...15 VDC
- 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

- small wind power plants
- professional weather stations
- agriculture
- solar powered applications

Professional Line	ORA
Id-No.	00.14594.110000
Measuring range	0...360°
Accuracy	< ± 2°
Resolution	1°
Starting value	0.4 m/s
Output	0...2.5 V
Strongest wind impact velocity	80 m/s
Current consumption	< 2 mA (low power)
Measuring principle	magnetic
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
Included in delivery	1 sensor • 12 m cable • with 4 pin M12 plug connector
Accessories (order separately)	Id-No. 32.14567.006000 Mast adapter Ø 50 mm • Id-No. 32.14627.010000 Wind traverse

As of: 23.10.2022