

# INDUSTRY Wind Direction Sensor



## APPLICATIONS

- Industrial applications
- Wind turbines
- Building services
- Wind warning systems
- Environmental measurement technology

## For every application: Reliable, precise, proven

The INDUSTRY wind direction sensor is a cost-effective investment and has proven itself over many years in numerous applications worldwide. The sensor impresses with high accuracy, a straightforward mounting principle, as well as seawater-resistant and extremely robust materials. Thanks to the thermal decoupling of the housing shaft, optimal heating of the sensor head is achieved while minimizing the system's energy requirements.

- Precision, tradition and future reliability
- Large operative measuring and temperature range
- Simplest mast mounting
- Very good starting values through magnetic, contactless measuring principle
- Optimal heating concept



## PRODUCT OVERVIEW

# INDUSTRY Wind Direction Sensor

Professional Line	INDUSTRY
<b>Id-No.</b>	00.14567.110040 Wind direction 4...20 mA output
<b>Measuring range</b>	0...360°
<b>Accuracy</b>	± 2°
<b>Resolution</b>	2°
<b>Starting value</b>	0.7 m/s
<b>Output</b>	4...20 mA 0...20 mA and 0...10 V on request Max. load 600 Ω
<b>Range of application</b>	Temperatures -30...+70 °C heated; wind speed 0...60 m/s
<b>Supply voltage</b>	24 (20...28) VDC; max. 800 mA; electr. controlled heating; 18 W
<b>Measuring elements</b>	Plastic; wind vane; dimensionally stable
<b>Measuring principle</b>	Hall Sensor Array
<b>Dimensions</b>	Wind vane L 232 mm; H 327 mm
<b>Housing</b>	Anodized aluminum; IP 55; Ø 32 mm; bore Ø 30 mm for mounting at traverse
<b>Weight</b>	Approx. 0.35 kg
<b>Accessories (order separately)</b>	32.14567.060000 Sensor cable with plug connection; length: 12 m 32.14627.010000 Traverse; sensor distance: 75 cm 32.14567.006000 Mast adapter; diameter: 50 mm 32.14565.019000 Lightning rod

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