

# PROFESSIONAL-IX 3.0

## Wind speed sensor



### POSSIBLE APPLICATIONS

- Cold Climate Standard
- Polar stations
- Wind turbines
- Ropeways
- Winter sports facilities
- Wind warning systems

## Fully heated sensor for use in extreme cold

The PROFESSIONAL-IX 3.0 wind speed sensors, fully heated with 125 watts, are high-quality and particularly suitable for use in extreme cold. Thanks to their double bearings and special alloys, they offer a wide range of measurement and temperature applications. The contactless measuring principle ensures wear-free, precise, and reliable measurement. Simple mounting principles guarantee a high degree of flexibility.

- Wide measurement and temperature ranges for year-round use
- Excellent start-up values thanks to contactless measuring principle
- Optimal heating concept for cold climates
- Maximum resilience and durability



## PRODUCT OVERVIEW

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## Wind speed sensor

Professional Line	PROFESSIONAL-IX 3.0
<b>Ident-No.</b>	00.14602.300004
<b>Measuring ranges</b>	0.4...50 m/s
<b>Accuracy</b>	± 2% FS at 0.4...50 m/s
<b>Resolution</b>	< 0.1 m/s
<b>Start-up value</b>	0.4 m/s
<b>Output</b>	4...20 mA
<b>Areas of application</b>	Temperature -40...+70 °C heated; wind speed 0...60 m/s; humidity 0...100 % RH.
<b>Supply voltage</b>	Sensor 24 (20...28) VDC; heating 24 VDC; 125 W
<b>Measuring elements</b>	Special coating; 3-arm cup rotor - aluminum
<b>Measuring principle</b>	Non-contact; Hall sensor array
<b>Dimensions</b>	Cup rotor Ø 218 mm; H 241 mm
<b>Housing</b>	Seawater-resistant aluminum, specially coated; IP65 in vertical position of use
<b>Weight</b>	Approx. 0.8 kg
<b>Accessories (order separately)</b>	Identification No. 32.14601.060000 15 m cable, with plug on one end Identification No. 32.14567.006000 Mast adapter Ø 50 mm Identification No. 32.14567.010000 Crossbar

As of May 27, 2026