PRODUCT OVERVIEW

PROFESSIONAL-IX 3.0 Wind direction sensor

POSSIBLE APPLICATIONS

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

The Cold Climate standard for reliable measurements in ice and snow

The PROFESSIONAL-IX 3.0 wind direction sensors, fully heated with 125 watts, are of 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 climate conditions
- Maximum resilience and durability

PRODUCT OVERVIEW

PROFESSIONAL-IX 3.0
Wind direction sensor

Professional Line	PROFESSIONAL-IX 3.0
Ident-No.	00.14601.300004
Measuring ranges	0...360°
Accuracy	± 1°
Resolution	< 1°
Start-up value	0.4 m/s
Output	4...20 mA
Areas of application	Temperatures -40...+70 °C heated; speeds 0...60 m/s; relative humidity 0...100 % RH
Supply voltage	Sensor 24 (20...28) VDC; heating 24 VDC; 125 W
Measuring elements	Special coating; wind vane; dimensionally stable aluminum
Measuring principle	Non-contact; Hall sensor array
Dimensions	Wind vane L 195 mm; H 295 mm
Housing	Seawater-resistant aluminum with a special coating; IP65 when installed in a vertical orientation
Weight	Approx. 0.8 kg
Accessories (order separately)	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 November 15, 2026