

PROFESSIONAL-IX 3.0 WIND DIRECTION SENSOR



Reliable measurements in ice and snow with the Cold Climate standard

The PROFESSIONAL-IX 3.0 wind direction sensors, which are fully heated with 125 watts, are of high quality and particularly suitable for use in extremely cold conditions. Thanks to the double bearing and special alloys, they offer a wide range of measurement and temperature applications. The non-contact measuring principle ensures wear-free, precise and reliable measured value acquisition. Simple mounting principles ensure a high degree of flexibility.

- Wide measuring and temperature operating ranges for year-round use
- Very good starting values due to contactless measuring principle
- Optimal heating concept for cold climate conditions
- Extremely high robustness and longevity

APPLICATIONS

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

Professional Line	PROFESSIONAL-IX 3.0
Id-No.	00.14601.300000: 0...20 mA 00.14601.300004: 4...20 mA
Measuring range	0...360°
Accuracy	± 1°
Resolution	< 1°
Starting value	0.4 m/s
Output	0(4)...20 mA
Range of application	Temperatures -40...+70 °C heated; wind speed 0...60 m/s; rel. humidity 0...100 % r. h.
Supply voltage	Sensor 24 (20...28) VDC; heating 24 VDC; 125 W
Measuring elements	Special coating; blade wind vane; dimensionally stable aluminum
Measuring principle	Contact-free; Hall Sensor Array
Dimensions	Wind vane L 195 mm; H 295 mm
Housing	Seawater-resistant aluminum, specially coated; IP 65 in upright position
Weight	Approx. 0.8 kg
Accessories (order separately)	Id-No. 32.14601.060000 15 m cable, onesided with connector Id-No. 32.14567.006000 Mast adapter Ø 50 mm Id-No. 32.14567.010000 Traverse

As of: 04.03.2025