PRODUCT-VIEW

LAMBRECHT meteo

AN aem BRAND

PROFESSIONAL-IX 3.0 WIND SPEED SENSOR





Safe operation in ice and snow

of the sensors PROFESSIONAL-IX 3.0 with 125-watt heating unit! Consequently, these high-quality wind sensors are particularly appropriate for use in extremely low temperatures. The double bearings as well as special alloys enable the large measuring and temperature operating ranges. The contactless measuring principle ensures wear-free, precise and thus certain data acquisition. The simple mounting methods provide 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
- 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.	00.14602.300000: 0...20 mA 00.14602.300004: 4...20 mA 00.14602.300007: frequency • 0...500 Hz = 0...50 m/s
Measuring range	0.4...50 m/s
Accuracy	± 2 % FS at 0.4...50 m/s
Resolution	0.1 m/s
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 • humidity 0...100 % r. h.
Supply voltage	sensor 24 (20...28) VDC • heating 24 VDC • 125 W
Measuring elements	special coated • 3 armed cup rotor - aluminium
Measuring principle	contact-free • Hall Sensor Array
Dimensions	wind speed: cup rotor Ø 218 mm - H 241 mm
Housing	seawater resistant aluminium • 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 .010000 Traverse