

Wind Sensor PROFESSIONAL-IX



Dual bearings, coupled with the use of a special alloy, allow a large range of measurements to be taken in a wide variety of temperatures. The frictionless measuring technique delivers precise and reliable measurements without wear and tear. Simple mounting allows the device to be used with a high degree of flexibility.

- able to take a wide range of measurements in a wide variety of temperatures, all year round
- excellent start up speeds due to frictionless measuring technique
- internal heating system offers optimal protection against extreme conditions
- high resilience and durability

Wind Sensor PROFESSIONAL-IX		Order No.	
Robust sensor for reliable measurement of wind direction and wind speed at extremely low temperatures			
Technical Data		Wind Sensor PROFESSIONAL-IX	
Wind direction	Dimensions	Blade wind vane L 195 mm, H 295 mm	
	Weight	Approx. 0.8 kg	
	Principle	Hall Sensor Array contact-free	
	Measuring range	0...360°	
	Resolution	< 1°	
	Accuracy	± 1°	
	Outputs	0/4...20 mA	
	Starting value	< 0.4 m/s	
Wind speed	Dimensions	3-armed cup Ø 218 mm H 241 mm	
	Weight	Approx. 0.8 kg	
	Principle	Hall Sensor Array contact-free	
	Measuring range	0.4...50 m/s	
	Resolution	< 0.1 m/s	
	Accuracy	± 2% FS at 50 m/s	
	Outputs	0...500 Hz, 0/4...20 mA	
	Starting value	< 0.4 m/s	
Varieties	Wind direction	4...20 mA	8368.400
		0...20 mA	8368.410
	Wind speed	4...20 mA	8368.450
		0...20 mA	8368.460

NON-ICING wind sensor with 125W Heating
 Cold Climate Standard
 Polar stations
 Wind power plants
 Ascents supports
 Environmental applications
 Winter sports grounds
 Wind warning systems for cranes

Further information about our products can be found on our website www.lufft.de