



Windsensor BASIC



Wind sensors BASIC are recommended for use in.:

- building services
- environmental measurements
- wind power plants
- stadiums
- industrial meteorology
- solar plants
- controlling of jalousies

Windsensor BASIC			Order Nr.
<p><i>The slender, flow-optimized external geometry ensures certain and precise measurement. For highest stability under load and safe long-term use we rely on robust materials, such as the anodized aluminium housing. The compact sensors with their simple mounting principles additionally provide a high degree of flexibility. Without heating.</i></p>			
Technical data	Wind Sensor BASIC		
Wind direction	Dimensions	Blade wind vane L 232 mm / H 260 mm	8368.100
	Weight	ca. 0.95 kg	
	Principle	magnetic	
	Measuring range	0...360°	
	Resolution	3°	
	Accuracy	+/-5°	
	Starting value	0.7 m/s	
	Outputs	0...5 V	
	Supply voltage	24 VDC (6...28 VDC)	
	current consumption	15 mA at 12 V / 18 mA at 28 V	
Wind speed	Dimensions	3-armed cup-Ø 95 mm / H 180 mm	8368.110
	Weight	approx. 0.9 kg	
	Principle	magnetic	
	Measuring range	0.7...50 m/s	
	Resolution	0.26 m/s	
	Accuracy	+/- 2 % FS	
	Starting value	0.7 m/s	
	Outputs	0...192 Hz	
	Supply voltage	24 VDC (4.7...28 VDC)	
current consumption	max. 8 mA <4 mA at 5 V		
Temperature-measuring range	-30... +70 °C under non-icing environmental conditions		
Housing	sea water resistant aluminium, anodized, IP53 for bores with Ø 30 mm at max. 10 mm material thickness incl. 5 m fixed cable		
Accessories	Mast adapter Ø 50 mm		8368.Z100
	Traverse		8368.Z101

The wind sensors without heating offer:

- wearfree data acquisition
- robust housing
- dimensionally stable blade wind vane
- fail-safe cup
- double precision bearing

