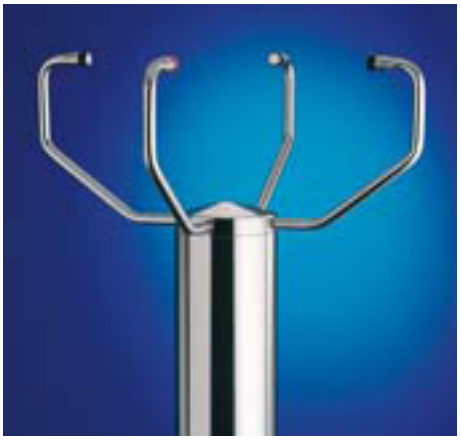
WIND (ULTRASONIC)

Technical Data	Order No.
Combined wind sensor ultrasonic with heating	8352.USH4M
Dimensions	Length 555mm, radius 160mm
Measuring interval	0.1s
Construction	Housing stainless steel
Output signal	4...20mA and RS485
Weight	1.5kg
Heating	24 VDC/70VA
Interface	RS485 and 2 analog outputs
Protection type	IP67
Power supply	Probe 9...26VDC/5VA
Wind direction	North changeover point
Included in delivery	Mounting flange, connector
Operating temperature range	-30...60°C
Operating humidity range	5...100%
Wind speed	
Principle	Ultrasonic
Measuring range	0...60 m/s
Accuracy	±0.15 m/s (0...5 m/s) <1.5% of measurement
	(>5 m/s), standard deviation
Wind direction	
Principle	Ultrasonic
Measuring range	0...360°
Accuracy	±3°

Accessories	Order No.
Power supply for heated probes	8161.SV4
Lightning protection for mast	8357.BS



Technical Data	Order No.
WindSonic 4..20mA	8352.US6M
Dimensions	142x160mm
Output signal	4...20mA
Weight	0.5kg
Protection type	IP65
Power supply	Anemometer 9...30VDC @ 14.5 mA, typical
Operating temperature range	-35...70°C
Wind speed	
Principle	Ultrasonic
Measuring range	0 ... 60 m/s
Accuracy	±2%
Resolution	0.01 m/s
Wind direction	
Principle	Ultrasonic
Measuring range	0 ... 360 °
Accuracy	±3°
Resolution	1 °

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