WS200-UMB - WIND

From the WS product family of professional intelligent measurement transducers with digital interface for environmental applications.

Integrated design with ventilated radiation protection for measuring:

- Wind direction
- Wind speed

Ultrasonic sensor technology is used to take wind measurements.

Measurement data are available for further processing in the form of a standard protocol (Lufft-UMB protocol).

Technical Data	Order No.
WS200-UMB Compact weather station	**8371.U01**
Dimensions	Ø ca. 150mm, Height ca. 200mm, Weight approx. 1kg
Wind direction	
Principle	Ultrasonic
Measuring range	0…359,9°
Accuracy	± 3°
Wind speed	
Principle	Ultrasonic
Measuring range	0…60m/s
Accuracy	± 0,3m/s or ±3% (0...35m/s)
Heating	10VA at 24VDC
General information	
Interface	RS485, 2-wire, half-duplex
Operating power consumption	24VDC +/- 10% <4VA (without heating)
Operating humidity range	0…100%
Operating temperature range	-30…70°C
Accessories	**Order No.**
Surge protection	**8379.USP**
Power supply 24V/4A	**8366.USV1**
UMB interface converter ISOCON	**8160.UISO**

Ultrasonic wind measurement
open communication protocol