

SV-301

Wind Vane/Anemometer



The SV-301 wind vane/anemometer sends both wind direction and speed signals simultaneously from the transmitter to the indicator for remote observation.

A windmill-type transmitter is used in combination with the wind speed/direction indicator.





Indicator

AC100V, AC220V 50/60Hz

Data output

: 0-60m/s at 0-1Vdc and 0-10mVdc

【Specifications】

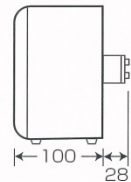
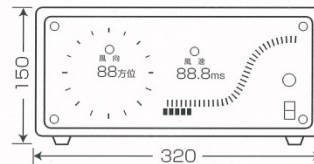
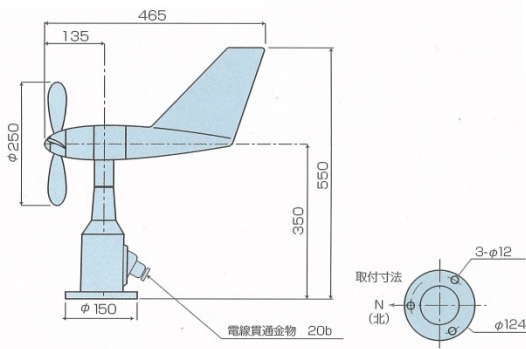
Transmitter

Type	Propeller
Wind speed detection	Optical pulse; Brushless
Wind direction detection	8-bit optical encoder; Serial signal output
Start wind speed	2m/s or less
Wind speed resistance	108m/s (in wind tunnel tests)
Measurement range	Wind speed: 2 - 60 m/s
Wind direction	All directions
Measurement accuracy	
Wind speed:	10m/s or less: Within +/-0.5m/s
	10m/s or more: Within +/-5%
Wind direction:	Within +/-5°
Cable	6-core shielded cable
Cable connection method	Via terminal
Weight	Approx. 2.5kg
Working temperature range	-20 to +50°C

Indicator

Data Sampling	0.25sec
Display Wind direction	2-digit, 7-segment LED display, 16 LEDs (circular layout) numerical display from 1 to 16
Display Wind speed	3-digit, 7-segment LED display, 16mm height 30 LEDs (bar graph layout) numerical display from 0.0 to 99.9
Average time	10-minute moment/average value switchable
Data output	Serial current-loop signal
Power source	AC100V, AC220V*1

* 1 ; Please specify



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