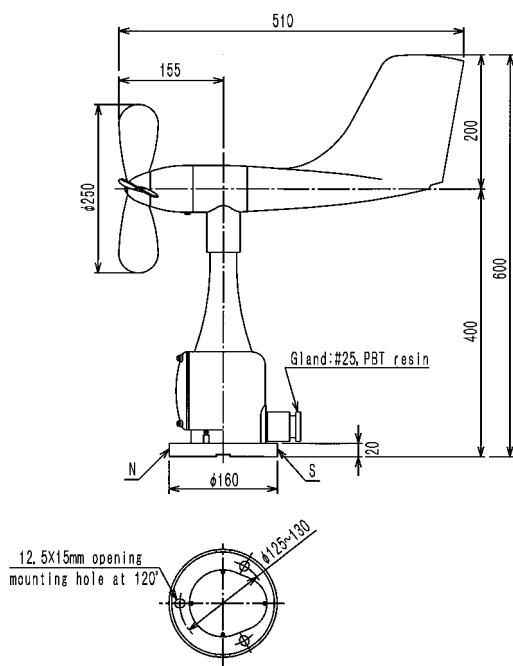


KWV-611 Propeller-type Indicating Wind Vane/Anemometer

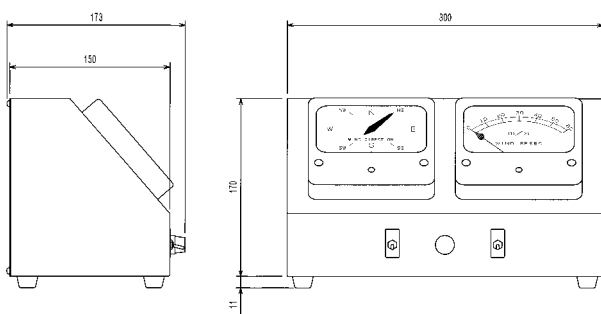
The KWV-611 provides a user with real-time values for instantaneous wind speed and direction by transmitting a signal from the pole-mounted sensor outdoors to an indicator located indoors.



Sensor dimensions



Indicator dimensions



COMPONENTS

- 1 Propeller-type wind speed/direction sensor (W611)
- 1 Wind speed/direction indicator
- 1 Set accessory components

SPECIFICATIONS

Propeller-type wind speed/direction sensor (W611)

Speed component	Propeller-type AC generator
Direction component	Synchro motor vane
Wind run sensor (option)	60 m wind run, electric contact output
Startup threshold	<2 m/s
Weatherability	Winds ≥ 90 m/s
Wind speed output	45 V AC ± 1 V at winds of 60 m/s
Materials	Vane: glass & polyester resin Other components: polycarbonate resin
Paint	Standard 8YR7.3/1.3
Weight	Approx. 3.0 kg

Indicator

Wind speed receiver	
Model	Rectifying voltmeter
Panel size	120 \times 110 mm
Measurement range	2-60 m/s 1 m/s increments
Wind direction receiver	
Model	Synchro motor 360° indicator
Panel size	120 \times 110 mm
Measurement range	16 cardinal points
Power source	100 V AC $\pm 10\%$
Usage conditions	-10 to 50°C, 40-85% RH

Accuracy

Wind speed	± 0.5 m/s at winds ≤ 10 m/s $\pm 5\%$ at winds > 10 m/s
Wind direction	$\pm 5^\circ$
Weight	Approx. 3.6 kg



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