

KD-3011/KD-3012

3-Cup Anemometer



Features

- This three-cup anemometer is made of polycarbonate resin. It's very solid, small and light.
- Very clear digital display shows instantaneous wind speed or average wind speed, and also triggers alarms with sound and signal (contact output).
- RS-232C digital output is also available (KD-3012).

This 3-cup anemometer, made of polycarbonate resin, is small, sturdy, and light-weight. Based on the expertise of the wind specialists, we have developed a variety of new types of unprecedented anemometers. They have excellent functional designs as well as high responsibility and reliability. (Certified by the Japan Meteorological Agency)

Configuration

Cup Anemometer	(KC-011)	1pcs
Indicator	(KD-3011/KD-3012)	1pcs
Cable (30m)		1pcs

Application

- ☞ Safer work at height
- ☞ Safer operation of cranes
- ☞ Safer work during strong winds



Specifications

● Wind Speed Transmitter

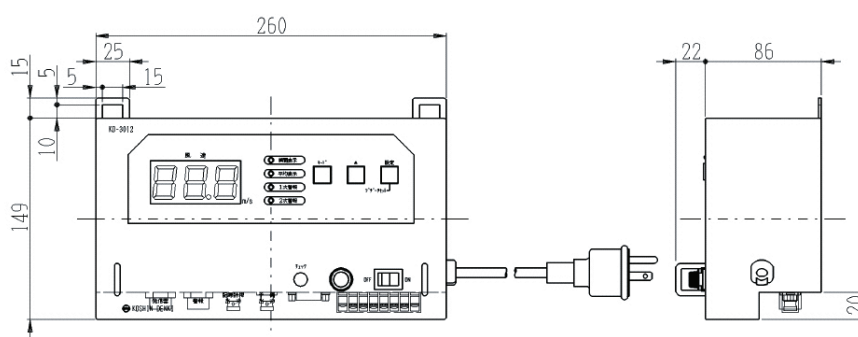
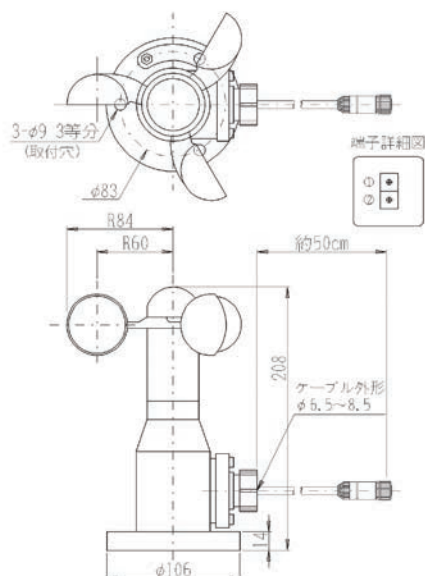
Detection system	: 3-cup, generator type
Measurement range	: 2 to 70m/s
Measurement accuracy	: Within 10m/s or less $\pm 0.5\text{m/s}$ Within 10m/s or more $\pm 5\%$
Start wind speed	: 2m/s or less
Wind speed resistance	: 90m/s or more
Cable connection	: Cable 2-core shielded
Via -terminal	: (Approx. 1km with CVVS 1.25mm ² up to 20km)
Weight	: Approx. 550g
Surface color	: Beige
Outer dimensions	: 168 (W) x 208 (H) mm

● Wind Speed Indicator

Type	KD-3011	KD-3012
Sampling	: 0.25sec	: 0.25sec
Display	: 7-segment LED numerical display from 0.0 to 99.9 Instantaneous/average value switchable updating cycle _ Continuous mode 1sec _ Intermittent mode 6minutes	: 7-segment LED numerical display from 0.0 to 99.9 Instantaneous/average value switchable updating cycle Continuous mode 1sec Intermittent mode 6minutes
Average time	: 10-minute	: 10-minute
Alarm function	: Capable of setting any 2-point wind speed values Alarm1 - Instantaneous value Alarm2 - Average value Buzzer sound and contact output at alarm	: Capable of setting any 2-point wind speed values Alarm1 - Instantaneous value Alarm2 - Average value Alarm3 - Instantaneous or average value Buzzer sound and contact output at alarm
Data output	: 0-50m/s at 0-1Vdc and 0-10mVdc Instantaneous/average value switchable	: 0-50m/s at 0-1Vdc and 0-10mVdc Instantaneous/average value switchable 1 channel for RS-232C signals output Dsub 9pin connector character 8bit speed 1200bps (example) STX S * * * M * * * ETX BCC
Power source	AC100V / 220V *1 Approx. 20VA	AC100V / 220V *1 Approx. 20VA
Working temperature range	0 to 40 °C	0 to 40 °C
Weight	2.5kg	2.5kg

*1 ; Please specify

Dimensions



*The specifications in this catalog may be changed without prior notice to incorporate improvements.



KOSHIN DENKI KOGYO CO., LTD.

Head Quarters, Meteorological Instruments Division

URL: <http://www.koshindenki.com>

1-20-19 Jiyugaoka, Meguro-ku, Tokyo 152-0035

TEL: +81-3-3717-0101 FAX: +81-3-3718-0101

Sendai Factory

51-1 Sakaino Aza Hayama, Akiu-Cho, Taihaku-ku, Sendai-City 982-0242

TEL: +81-22-397-2121 FAX: +81-22-397-2323



*The specifications in this catalog may be changed without prior notice to incorporate improvements.