



KANOMAX
The Ultimate Measurements

Airflow Transducer

MODEL 6333



For remote monitoring and controlling air velocity, temperature, humidity

- 15 types of interchangeable probes for various applications
- The smallest probe in the industry
- High heat resistance enables precise measurement even in tough environments
- Supports digital and analog outputs
- Switched to current output or voltage output
- Improved probe response and accuracy, micro air velocity limit of 0.01 m/s

~Simultaneously monitor air velocity, temperature, humidity. Interface is compatible to both analog and digital.~

Stationary type hot-wire anemometer & Compact to build in other devices.

15 compatible probes available for simultaneous measuring air velocity, temperature, humidity.

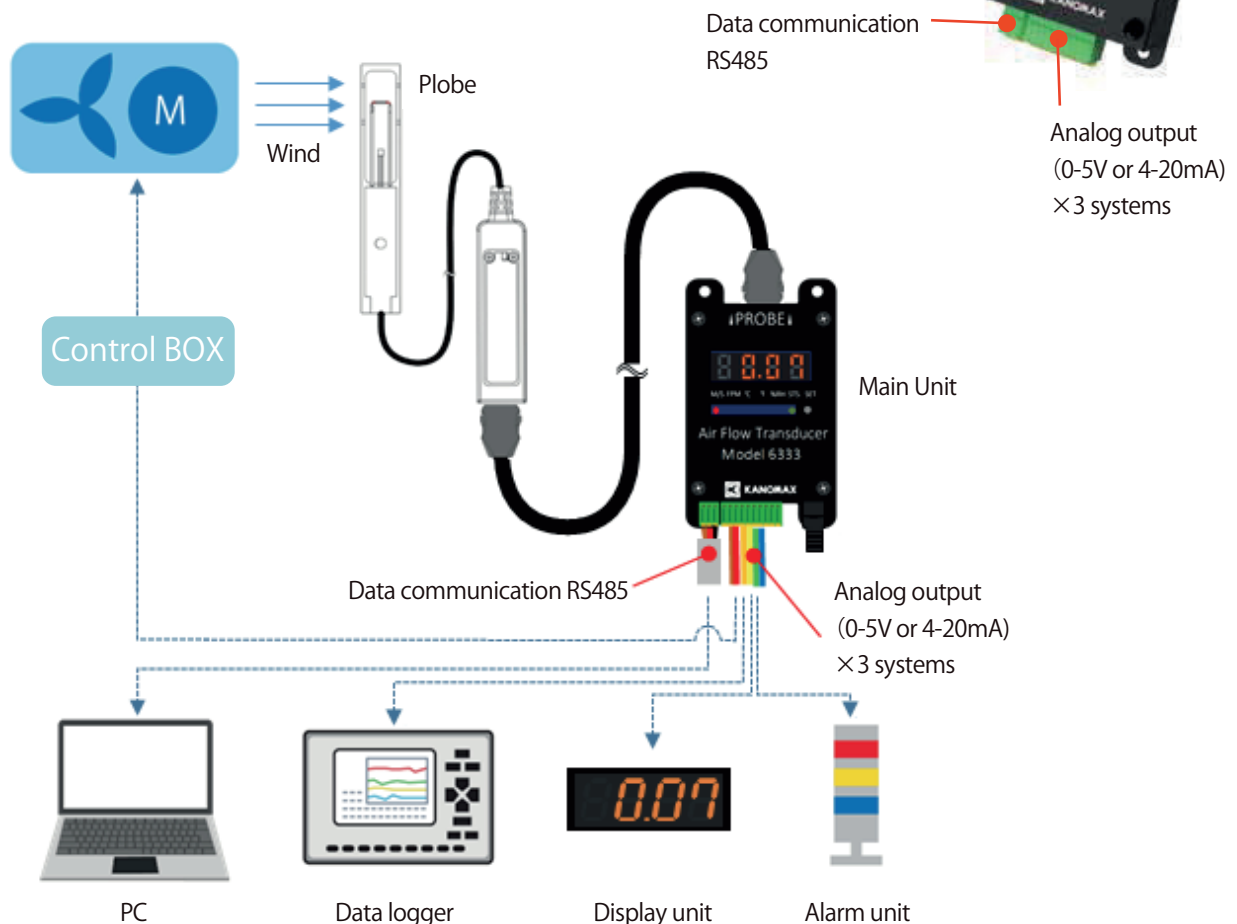
Both analog output and digital output available.

3 systems for analog output enables to simultaneously measure air velocity, temperature, humidity.

Possible to use in various applications such as in building, factory, data center, etc.

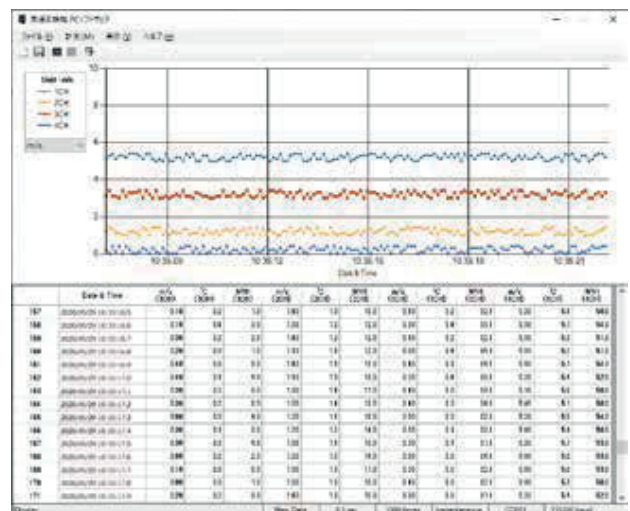
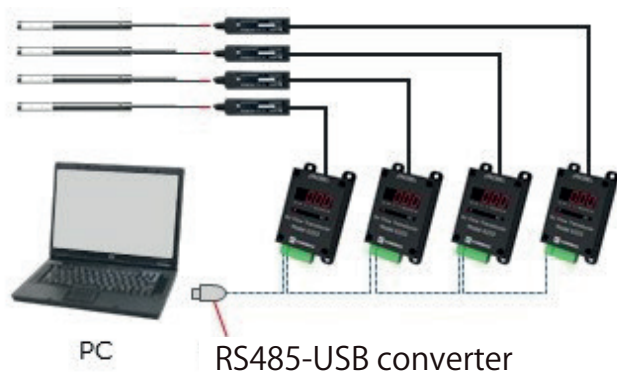
The best sensing device for IoT monitoring.

■ System Configuration Example



■ Software (optional) Model 6333-40

PC software that enables to connect up to 4 units of air flow transducers.



Air velocity range of compatibility probes to meet a many different type of customer needs

15 Types of Probes Are Available

Model 0972-00



V : 0.01 ~ 50.0 m/s

Model 0973-00



V : 0.01 ~ 50.0 m/s

Model 0975-00



V : 0.01 ~ 25.0 m/s

Model 0975-09 / 21



V : 0.01 ~ 50.0 m/s (09)
V : 0.01 ~ 25.0 m/s (21)
T : 0 ~ 100 °C (21)

Model 0975-10



V : 0.01 ~ 50.0 m/s

Model 0976-03 / 13



V : 0.01 ~ 30.0 m/s
Operating temperature : 0 ~ 120 °C (03)
0 ~ 100 °C (13)

Model 0976-04 / 14



V : 0.01 ~ 30.0 m/s
Operating temperature :
0 ~ 120 °C (04)
0 ~ 100 °C (14)

Model 0975-31



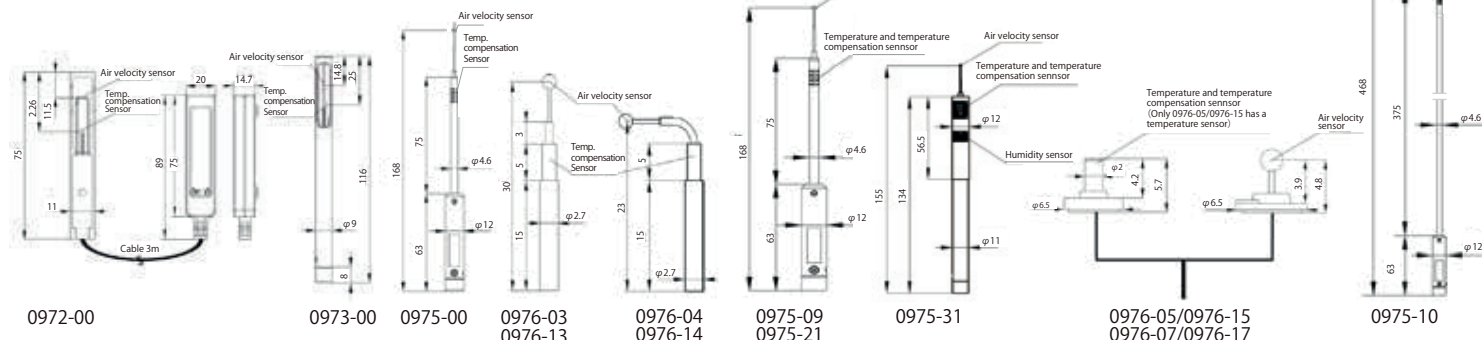
V : 0.01 ~ 25.0 m/s
T : 0 ~ 60 °C
H : 5 ~ 95 %RH

Model 0976-05 / 15 0976-07 / 17



V : 0.01 ~ 30.0 m/s
T : 0 ~ 120 °C (05)
0 ~ 100 °C (15)
Operating temperature :
0 ~ 120 °C (05 / 07)
0 ~ 100 °C (15 / 17)
Probe height : 5.8 mm

Probe Dimensions



Optional Items

AC Adapter

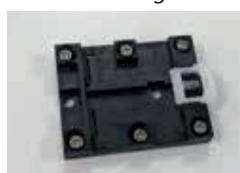


Model 6333-10

Standard cable



DIN rail fixing base



Model 6333-70

Probe fixing jig



Model 1580-90
Compatible probes :
0976-03/04
0976-13/14
Upper-temperature limit : 150°C
Quantity : 20 pairs / 1 pack

Double-coated tape for 0976



Model 1580-92
Compatible probes :
0976-05/07
0976-15/17
Size : $\phi 5.5 \times t 0.3 \text{ mm}$
Upper-temperature limit : 120°C
Quantity : 200 pairs / 1 pack

Model	Length
1580-30	0.5m
1580-31	2m
1580-32	5m
1580-33	10m
1580-34	20m
1580-35	40m



Main unit with DIN rail



Probe fixing example



Example of probe with the

Specifications of Main Unit

Product	Airflow Transducer	
Model	Model 6333-00	
Air Velocity Measurement Range	0.01 ~ 25.0 m/s (For 0975-00 / 0975-21 / 0975-31)	
	0.01 ~ 30.0 m/s (For 0976-03 / 0976-04 / 0976-05 / 0976-07 / 0976-13 / 0976-14 / 0976-15 / 0976-17)	
	0.01 ~ 50.0 m/s (For 0972-00 / 0973-00 / 0975-09 / 0975-10)	
Temperature measurement range	0 ~ 60 °C (For 0975-31)	
	0 ~ 100 °C (For 0976-15 / 0975-21)	
	0 ~ 120 °C (For 0976-05)	
Humidity measurement range	5 ~ 95 % (For 0975-31)	
Resolution	Air velocity : 0.01 m/s, Temperature : 0.1 °C, Humidity : 0.1%RH	
Display unit	m/s, °C, %RH	
Analog output	Current output and voltage output are switchable with output conversion DIP switch Current output: DC4 ~ 20mA (maximum load: 250Ω) Voltage output: DC 0~5V *Current output is standard setting	
Interface	RS485	
Power supply	Can choose either of the following: AC adapter: Input AC100 ~ 240V, Output DC12V Supply external power to the terminal block: DC12V ~ 24V	
Power consumption	About 3W (at Power supply voltage: 12V, wind speed 10m / s with probe: 0976-03)	
Usage environment	Temperature	0~60 °C (No condensation)
	Humidity	2 %RH ~ 98 %RH
Storage environment	Temperature	-10~60 °C (No Condensation)
	Humidity	2 %RH ~ 95 %RH
Size	About 100 (W) × 60 (D) × 25 (H) mm	
Weight	About 200 g	
Accessories	Manual: 1, Terminal block: 1 Piece	
Warranty	1 Year	

Specification of Probe

Model Number	Measurement Target	Directivity	Air Velocity			Wind Temperature		Humidity		Operating Temperature	Temperature compensation sensor
			Measurement Range	Measurement Accuracy	Responsivity	Measurement Range	Measurement Accuracy	Measurement Range	Measurement Accuracy		
0972-00 0973-00	Wind	Yes	0.01~50.0m/s	The larger of ± 2% or ± 0.02 m/s of the displayed value	1 second	—	—	—	—	0-100℃	± 5% of displayed value at 0-100 ℃
0975-00		0.01~25.0m/s	3 second								
0975-09 0975-10		0.01~50.0m/s									
0976-03 0976-04 0976-07		0.01~30.0m/s		The larger of ± 3% or ± 0.02 m / s of the displayed value							
0976-13 0976-14 0976-17				The larger of ± 2% or ± 0.02 m/s of the displayed value							
0976-05 0976-15 0975-21			The larger of ± 3% or ± 0.02 m/s of the displayed value	0~120℃	± 0.5%						
			0~100℃								
0975-31	Air Velocity, Temperature and Humidity	0.01~25.0m/s	The larger of ± 2% or ± 0.02 m/s of the displayed value		0~60℃	5~95%RH	5~80%RH: 3%RH 80~90%RH: 5%RH	0-100℃	± 5% of displayed value at 0-100 ℃		

Responsivity: Indicated value gets 0.9m/s or more than 0.9m/s to "air velocity 1m/s" on the certain temperature condition

Standard cable

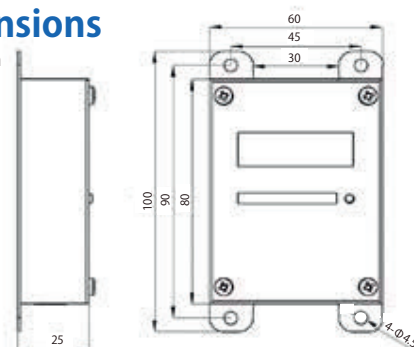
Model	Length
1580-30	0.5 m
1580-31	2 m
1580-32	5 m
1580-33	10 m
1580-34	20 m
1580-35	40 m

Accessories

Model	Product name
6333-10	AC Adapter
6333-70	DIN rail fixing base
6333-40	Measurement software
1580-90	Probe fixing jig
1580-92	Double-coated tape for 0976

Dimensions

Unit in mm



● Distributed by :



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