

Wind Sensor (TP-MW series)

Under
development

This sensor is a **small wind speed sensor** that achieves **high-speed response** by semiconductor technology. By Semitec's unique mechanism, we realized the high resistant to air pollution, dust and humidity. It is possible to measure the suction air of a vacuum cleaner and exhalation. It can also be used for various application by changing the attachment.

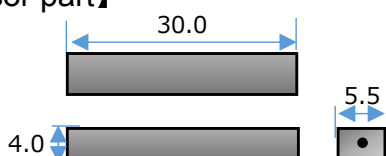


Application examples

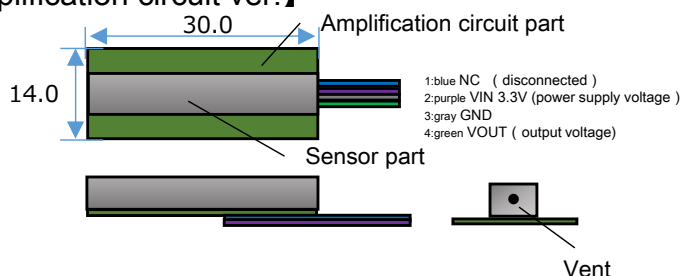
Drone, Hair dryer, Air conditioner, Vacuum cleaner, Ventilation fan, Electronic instrument, Fan, VR ..etc

Dimensions [mm]

【Sensor part】

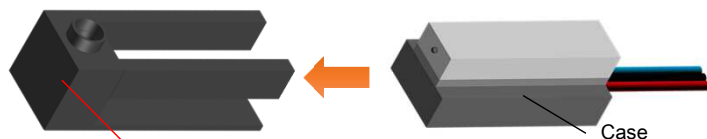


【Amplification circuit ver.】



【Attachment assembly】

【Sensor】



※Assembly examples

【General type】

【Drone type】

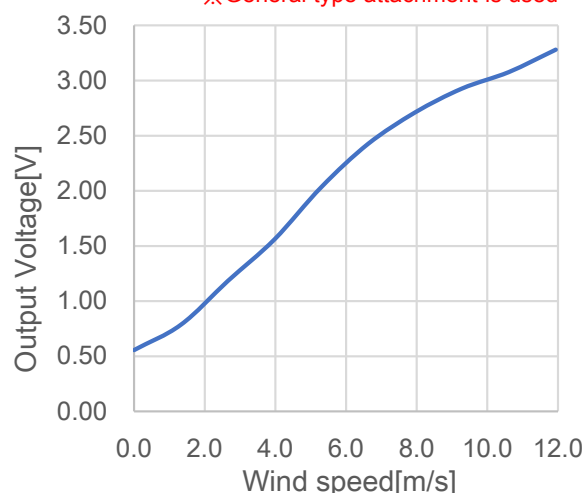
【Exhalation type】



The attachment assembly can be changed to suit various application.

Characteristics (reference value)

※General type attachment is used



Specification

Part name	TP-MW series	
Measurement gas	Air	
Wind speed range	0 ~ 20m/s	※Depends on attachment assembly
Power-supply voltage	DC +3.3V	Max: DC5V
Consumption current	35mA	(reference data)
Thermal tome response	60ms	(reference data)
Output signal	1.15 ~ 2.45V	
Operating temperature mge	10 ~ 55°C	
Storage temperature range	5 ~ 100°C	
Weight	3g	

* Since this product is under development, its appearance and specifications are subject to change without notice.

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