

### GS-HP/FSY

GS-HP/FSY series wind speed and direction transducer is made of anti ultraviolet plastic wind cup and aluminum alloy shell.

It has the advantages of light weight, small starting torque, low inertia, which can reflect the real information of wind.

High density compact discs are used to improve the frequency of pulse output, more suitable for high-precision measurement.

It is widely used in the fields of helipad, airport, bridge, meteorology, ocean, environment, agriculture, forestry, water conservancy, electric power, scientific research and so on.



GS-HP/FSY

### Specification

	Speed	Direction
Threshold	≤0.4m/s	≤0.3m/s
Range	0~60 m/s	0~360°
Accuracy	±0.02V+0.3	±3°
Resolution	0.1m/s	1°
Working Temperature	-40~+80°C	
Working Humidity	0~100%RH	
Supply Voltage	DC12~24V	
Power	≤50mW	

### 1. Convert Method

Wind Speed (m/s)=(Output Current(ma)-4ma)/16(ma)×60m/s  
Wind Direction (°) = (Output Current (ma)-4ma)/16(ma)×360°

#### Etc:

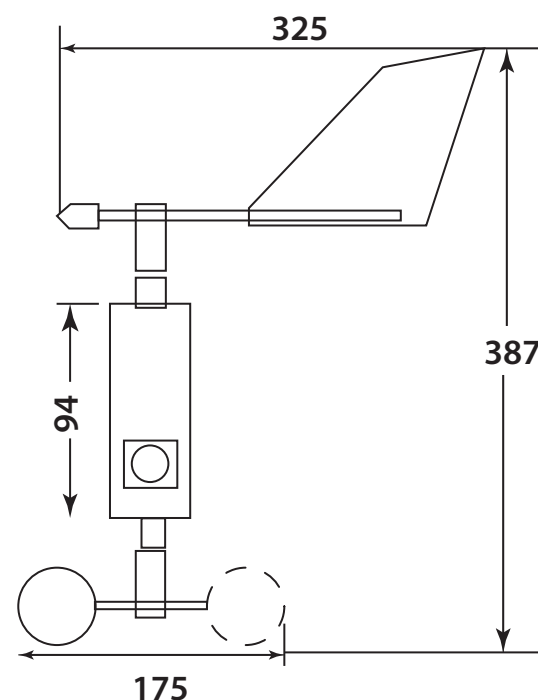
- 1.If the yellow line current is 12ma,  
then the wind speed is: (12-4)/16\*60=30m/s
- 2.If the blue line current is 12ma,  
then the wind direction is:(12-4)/16\*360=180°

This mean the wind is blowing from the South,  
and 0° mean the North,90° mean the East, 270° mean the West.

### Connection Definition

1Pin Red	VCC(DC 12~24V+)
2Pin Green	GND
3Pin Yellow	Signal Of Wind Speed
4Pin Blue	Signal Of Wind Direction

### Dimension



### GS-HP/S Helicopter Tie Down Ring

GS-HP/S Helicopter Tie Down Ring is a mechanical device to fix the helicopter on the apron.

The helipad is built on the top of a high-rise building or an open space with strong wind. In order to prevent the helicopter from being blown down easily, it is necessary to install a helicopter lock bolt on the apron to fix the position of the helicopter.

The Tie Down Ring is made of stainless steel and is embedded in the machine. It is simple in structure, safe and durable, and easy to install.

Weight

2.23kg.

