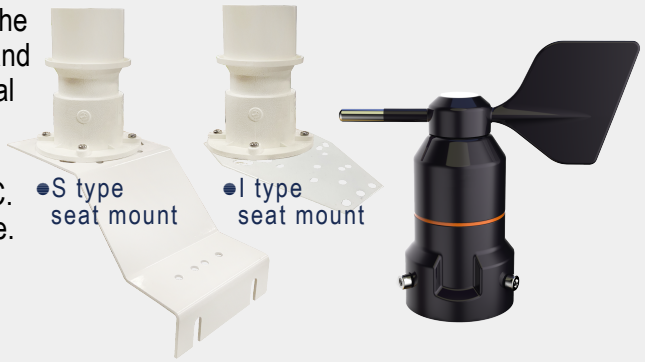
DCbox WIND DIRECTION SENSOR (ANEMOSCOPE) WFXD

- This product converts the direction of the wind into the direction of the magnetic field through the cooperation of the wind direction arrow and the imported bearing & its accessories, and then through the internal non-contact magnetic sensor convert into electric signal to realize the electric signal detection of the wind direction.
- The wind direction sensor's monoblock was made of black ABS+PC.
- It has many advantages like : heatproof, low temperature resistance. It is always used in highway, port, wharf, power plant, cableway, clutivation, agriculture, energy saving detection, engineering machine and ect.



SPECIFICATION

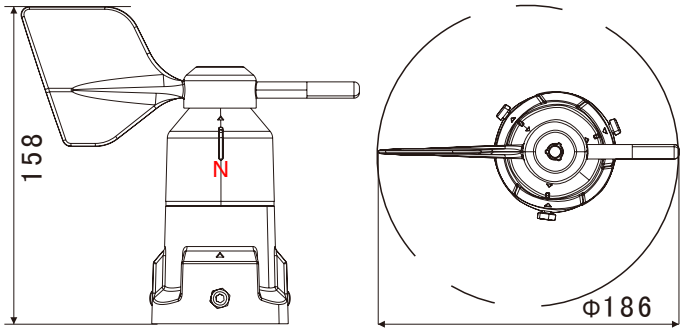
- Measurement range: 16 directions(WFXD-A)
  0~360°(WFXD-Y)
- Resolution: 2.5°(WFXD-A) 1°(WFXD-Y)
- Starting wind speed: 1m/s
- Power supply: DC12-36V
- Response Time: ＜0.5s
- Work environment: -20℃~+70℃
- Humidity: 20%-90%RH
  (25℃ non-condensation)

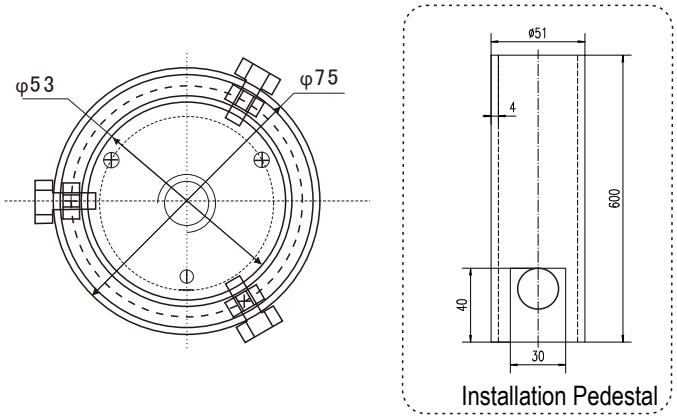
ORDER INFORMATION

WFXD- Code1

Code1	Output Signal
A	4~20mA
Y	RS-485
O	Option

DIMENSION

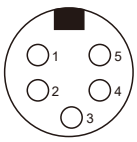




Installation note: There is a true north mark "N" on the wind direction sensor. When installing, point the true north mark of the sensor to the geographic true north.

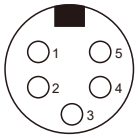
WIRING CONNECTION

● 4~20mA



1: DC Power
2: 4~20MA
5: GND

● RS-485



1: DC Power
3: RS485A
4: RS485B
5: GND

● When the output type is mA, the direction corresponding to the current value is shown in the figure below:

Current output	Direction
4mA	True North
8mA	True East
12mA	True South
16mA	True West