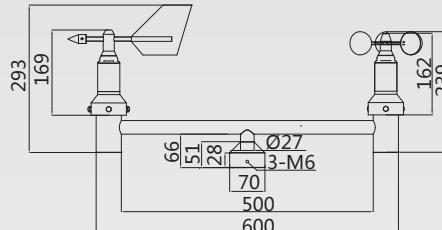
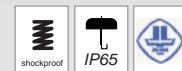
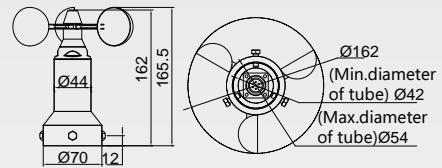


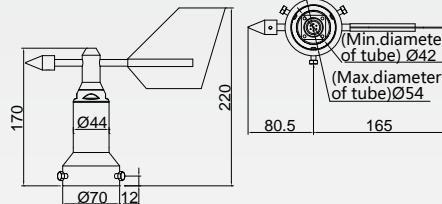
FA131A+FA132A+FA130C Anemometer and wind vane



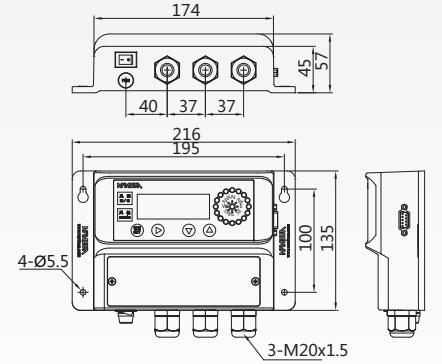
FA131A+FA132A+PJ300



FA131A



FA132A



FA130C

Application

Special design for plant, electric power, harbor, factories and mines, wind generator etc large mechanical equipments.

Main Functions & Features

- Anemometer sensor use magnetic sensor measuring principle.
- Sensor data collected with high precision and reliability.
- Wind speed measurement with wide range, low wind speed start.
- Wind speed sensor / vane use metal enclosure, corrosion resistant and strong anti – wind capability.
- Wind cup stainless steel can be used in harsh conditions
- Compact sensor design, set wind speed measurement, heating device in one, easy installation and maintenance.
- Sensor fault – tolerant design, sensor will not be damaged even wrong wiring.
- Multilevel lighting protection and surge protection.
- Work over a wide voltage range.

Specification

Description	Parameter
Operating voltage	VCC = DC12V - DC30V
Measuring range	0.5 - 50m / s
Wind speed start Anti-wind intensity	≤ 0.5 m / s 70 m / s
Precision	FA131A: ± 0.5 m / s (< 5m / s) Measure data ± 3% (≥ 5m / s) FA132A: ±3°
Heating type	Automatic
Heating voltage	DC24V ± 6V
Heating power	≤ 50 W
Surge protection	4KV / 2KA
ESD protection	15KV
Ambient temperature	-40°C ~ +70°C
Humidity	0%~99%
Material	FA131A: Wind cup: Stainless Steel Bearing: Stainless Steel 440C FA132A: Vane: Carbon fiber + stainless steel 304 Bearing: Stainless Steel 440C
IP protection	IP65
Weight	FA131A: 0.6KG FA132A: 0.6KG
Enclosure	Aluminum alloy / Fluorocarbon coating
Bearing supplier	NMB / EZO
Signal output	FA131A: UART FA132A: 4 ~ 20mA current (linear correspond 0~360°), load resistance ≤500Ω



FA131A+FA132A+PJ300



FA131A



FA132A



FA130C