

FA01 series wind speed sensor

Certification:



Applied for the wind speed monitor in engineering machinery leasing, hoist, factory, electric power, port machinery, mine industry, photovoltaic fields.



Specifications

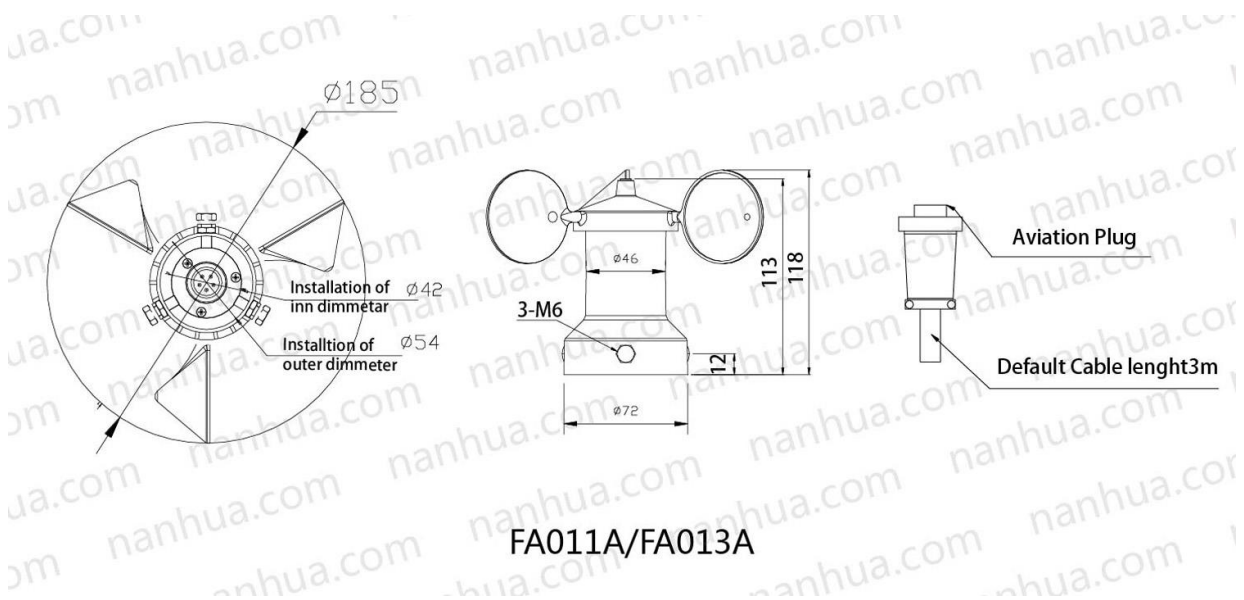
Description	Parameter
Operating voltage	VCC=DC18V-DC30V
Operating current	<35mA
Threshold	≤0.5m/s
Wind load	>70 m/s
Range	0.5~60m/s
Resolution	0.1m/s
Signal output (FA013A)	4~20mA three-wire current loop (0~60m/s) ; load resistance≤500Ω

Description	Parameter
Accuracy	±0.5 m/s (<5m/s) ; Measuring value±3%; (≥5 m/s)
Surge	4KV/2KA (ESD Protection 15KV)
- Operating temperature; Humidity	-40°C~+70°C; 0%~95%(No coagulation)
Body material	PC+ABS
IP rate	IP65
Cup material	PC+ABS
Bearing material	Stainless steel

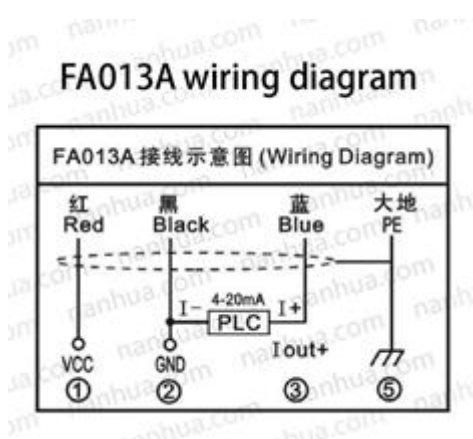
Major functions & features

- Adopt contactless magnetic sensing principle, excellent anti-interference ability, high reliability
- Wide operating voltage DC18V-DC30V, low threshold, wide measurement range
- Strong wind load ability
- Multi-level surge protection design
- Sensor adopts fault-tolerant design, sensor will not be damaged even wrong wiring
- Module design for wind cup, PCB, easy installation, free of debug, applicable for various conditions.

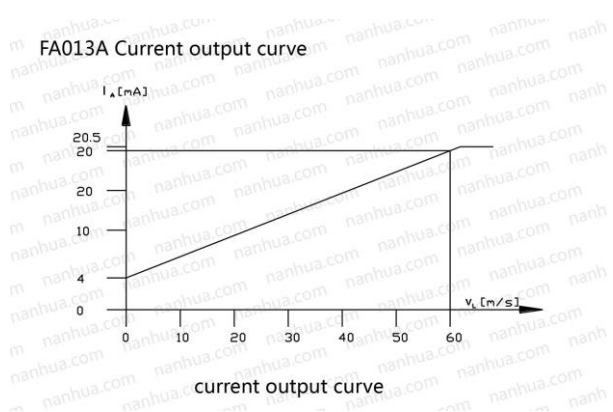
Mounting Dimension (Unit : mm)



Wiring Diagram



Current Output curve



Distribuidor:

Romiotto
Instrumentos de Medição

Romiotto Ind. e Com. De Instrumentos de Medição Ltda.
Rua São Leonardo, 187, Freguesia do Ó, São Paulo – SP
Fone: (11) 3976-4003 / 3999-7737
E-mail: vendas@romiotto.com.br Site: www.romiotto.com.br