

MTX-Sensor Wind Direction

Metal - M110-01 - Modbus

The MTX Sensor Wind direction sensor is a sensitive wind direction indicator that gives a visual indication of wind direction. Digital circuits capable of strong RFI & EMI resistance and automatic temperature compensation are build-in. The construction of the sensor reflects the requirements for reliability and durability. Only the highest quality corrosion resistant materials, such as high strength aluminum and stainless steel are used. The sensor has good resistance to sand, dust, salt spray and fungus resistance. This sensor is ideal for wind resource assessment studies and similar applications requiring accuracy, reliability and minimal maintenance.



FEATURES

- Low starting threshold
- Massive all-metal construction
- Strong corrosion resistant ability
- Various output signals optional
- Surge protection design
- Double bearing design
- Easy Installation

APPLICATIONS

- Weather monitoring stations
- Ports
- Solar and wind power generation
- Mobile weather monitoring vehicles
- Remote airports & helipads

SPECIFICATIONS

Output	4-20mA	RS485	0-2V/0-5V/0-10V
Supply Voltage	12-24VDC	12-24VDC	12-24VDC
Load Capacity	<500Ω(typ250Ω)		>2kΩ
Range	0-360°		
Accuracy	± 3°		
Resolution	1° or 22.5°		
Starting Threshold	<0.5m/s		
Limit wind speed	70m		
Ingress Protection	IP65		
Operating Condition	-40°C+70°C@≤100%RH		
Weight (unpacked)	410g		
Main material	Vane:304stainless steel, Main Body: Aluminum alloy		
Finish	Polyester powder electrostatic spraying(black) g		
Storage Condition	10°C-60°C@20%-90%RH		

DIMENSION

