

Economic Wind Direction Sensor



Discription

AST711 Economic wind direction sensor is a sensitive wind direction indicator that gives a visual Indication of wind direction. High precision magnetic sensitive chips are built in the housingshell. The wind vane is constructed on low inertia light metal to show wind directions. The product is wide range, good linearity, strong anti lightning strike, good performance.

Features:

- Low cost
- Low starting threshold
- Overall polycarbonate material
- Strong corrosion resistant ability
- Light structure
- Various output signals optional
- Easy Installation

Economic Wind Direction Sensor

- Weather monitoring stations
- Safety monitoring of high altitude equipment
- Ports
- Mobile weather monitoring vehicles
- Marine vessels
- Remote airports & helipads
- Road & rail tunnels

Specification

Output	4-20mA	0-5V	RS485
Supply Voltage	5V,12V-24V	5V,12V,24V	5V,12V-24V
Load Capacity	<500Ω(typ 250Ω)	>1kΩ	
Range	0~360°		
Accuracy	±3°		
Resolution	1°		
Starting Threshold	<0.5m/s		
Limit wind speed	50m/s		
Ingress Protection	IP65		
Operating Temperature	-40℃~+50℃		
Cable Grade	Nominal voltage: 300V, Temperature grade: 80℃		
Weight(unpacked)	195g		
Dimension	Turning Radius:147mm,Height:199mm		
Main material	polycarbonate		
Storage Condition	10℃-50℃@20%-90%RH		

Dimension

Economic Wind Direction Sensor

