

# FST200-202

The wind direction sensor FST-200-202 detects the wind direction and displays the measured value immediately. Due to a simple mounting the wind direction sensor can be connected to a large number of meters. The wind direction sensor starts its measurement with slightest wind movements and shows those measuring values at real-time speed. The wind direction sensor starts measuring at a wind speed of less than even 0.8 mps. There are two editions of the wind direction sensor, that can be purchased, differing in their output signal. The wind direction sensor can be purchased either with a 4 ~20 mA or a 0 ~ 10 V DC output. The wind direction sensors can resist the roughest weather conditions due to their design. Since the wind direction sensor consists of a metal alloy that is resistant to oxidation, it prevents rust. Seals that are installed at very delicate spots protect the wind direction sensor from penetration of water and any other particles, such as fine dust.

## Features

- Metal alloys
- Weather proof due to various seals
- Simple montage
- Long lifetime
- Immediate measurement of wind direction
- Measurement starts at low wind speed



## Specifications

Measuring range	0~360°
Measurement starts at	≤0.8 m/s
Resolution	22.5°
Measurement accuracy	±3°
Operational Temperature Range	-20~+85 °C at ≤95 % RH
Output Signal	4~20 mA (FST-200-202-I)
	0~10 VDC (FST-200-202-U)
Electrical Resistance	250 Ω
Operation voltage	12~36 VDC
Maximum wind speed	70 m/s for a max. of 30 minutes
Electrical Connection	M12
Protection Class	IP65