

# Wind Direction Sensor

## 3S-WD-420

We offer wind-direction and wind-speed indicators available in a number of different designs. The product palette ranges from simple low-cost devices to high-quality and robust sensors with outstanding price-performance ratios, as well as highly accurate precision sensors.

All of the models are available with various output signals, such as pulse signals, potentiometer, analog signals (mA or V), resistance signals or RS485 interfaces.



### TECHNICAL DATA

General Information	
Sensor type	Wind direction transmitter, the wind vane consists of fiber-glass reinforced, the housing is made of anodized aluminum and plastic, IP55
Signal	4 ... 20 mA, max. 500 Ω
Range	0 ... 360°, (Resolution: 11.25 °)
Accuracy	±5 °
Electronic/Heating	> 15 V DC or 24 V AC, 24 V AC/DC, max 20 W
Ambient temp.	-40 ... +70 °C
Cable	12 m cable LiYCY, 6 x 0.25 mm <sup>2</sup>
Dimensions	Ø 330 x 220 mm
Weight	1.1 kg

### RELATED PRODUCTS

3S-WD-PTM	Wind direction sensor, Potentiometer
3S-WD-PLS	Wind direction sensor, reed contact, pulse
3S-WD-010	Wind direction sensor, 0-10V output
3S-WD-MB	Wind direction sensor, Modbus RTU, RS485 output