

# Weather Sensors

## sensors, instrumentation, converters, load cells, displacement



## **DRS-FX-x** Aluminum Wind Direction Sensor

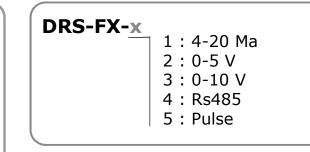
The aluminum wind direction sensor is used to measure the wind direction in the outdoor environment, measuring the 8 directions and 16 directions of east, south, west, north, southeast, southwest, northwest, and northeast. It can output Modbus signal, voltage, and current three kinds of signals according to demand.

### Aluminum wind direction sensor

This aluminum wind direction sensor is small and lightweight, easy to carry and assemble, and the new design concept can effectively obtain wind direction information. The shell is made of high-quality aluminum alloy profiles, and the outside is electroplated and sprayed. It has good anti-corrosion and anti-corrosion characteristics, which can ensure that the transmitter is used for a long time without rusting. At the same time, it is matched with the internal smooth bearing system to ensure information collection Accuracy.

#### Aluminum wind direction datasheets

Material: aluminum alloy For: Wind direction sensor/weather station Measuring range: 8 orientation Accuracy: 1 position Starting wind speed:  $\leq 0.5$ m/s Power supply: 10~30VDC Output form: current 4~20ma voltage 0~5V 0~10V RS485 Instrument line length: standard: 0.7 meters Load capacity: current type resistance $\leq 600\Omega$ Voltage type resistance $\leq 250\Omega$ Working environment: -40°C~ 60°C, 0%RH~80%RH Protection level: Ip65



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