

WIND DIRECTION SENSOR AND WIND VELOCITY SENSOR

Description

Wind direction sensors are compact and robust, low consumption sensors, made of anodized aluminum alloy for protection against salt and oxidizing agents. Extremely linear and precise, with high dynamic response even at strong gusts, easy to connect to any datalogger.

The wind velocity sensor uses special self-lubricating bearings that make it ideal for monitoring applications, ensuring high performance.

The direction sensor uses a special high-precision potentiometer, that ensures excellent resolution, high sensitivity and considerable mechanical life with a 360 ° angle.



Direction sensor technical features

Range	0...360°
Resolution	0,1°
Accuracy	+/-1°
Sensor type	potentiometer
Output signal	4-20 mA
Power	10 ÷ 28 Vdc
Operating temperature	-10...+70 °C
Material	aluminium
Class of protection	IP67

Please specify

CODE	PRODUCT DESCRIPTION
SEV-100	Wind direction sensor
SEV-600	Wind velocity sensor

Speed sensor technical features

Range	0,28....50 m/s
Resolution	0,05 m/s per rotazione
Accuracy	<0,1 m/s (0,4 ÷ 30 m/s)
Minimum speed	<0,3 m/s
Output signal	4-20 mA
Power	10 ÷ 28Vdc
Operating temperature	-10...+70 °C
Material	aluminium
Class of protection	IP67

For further information

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