

# WIND SPEED SENSOR COMPACT

Item No.: 423.412



## DESCRIPTION OF FUNCTIONS

The compact wind speed sensor records the horizontal wind speed in m/s and issues this as an analogue current signal.

## TECHNICAL DATA

Measuring range:	0.5...50 m/s
Accuracy:	±0.5 m/s or ±3% of measurement value
Resolution:	< 0.1 m/s
Supply voltage:	9...30 V DC or 24 V AC
Power consumption:	Sensor: 1.5 W Heater of the sensor: 20 W Total: 21.5 W
Outputs:	1 analog output 4...20 mA (resistance: max. 500 Ω)

## INTERFACES

### Analog output

Number:	1
Current:	4...20 mA (resistance: max. 500 Ω)

## PRODUCT CERTIFICATES

Product certificates:	CE
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## MEASUREMENT VALUES RECORDED

Wind speed:	W_Vx*
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## CONFIGURATION FOR DATA LOGGER

Type:	Current measurement
Gradient:	3.09375
Offset:	-11.875
Abbreviation:	W_Vx*
Unit:	m/s

\* x is a placeholder for a consecutive number. If more than one sensor of a given type is installed, the numbering starts with 1. Otherwise, 0 is used.

## INSTALLATION

Installation:	e. g. with a traverse attached to a mast (artikel 423443 oder 423444)
Operating temperature:	-40...70 °C
Connection class:	Cable UV-resistant, 12m (6x0.25 mm <sup>2</sup> )
Dimensions:	Ø 135 mm x 165 mm
Protection class:	IP 55
Weight:	0.75 kg

## SCALE DRAWING

