

WIND SPEED SENSOR COMPACT Item No.: 423,412



DESCRIPTION OF FUNCTIONS

TECHNICAL DATA

Measuring range:
Accuracy:
Resolution:
Supply voltage:
Power consumption:

Outputs:

INTERFACES

Analog output Number:

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

current signal.

0.5...50 m/s

PRODUCT CERTIFICATES

Product certificates:

MEASUREMENT VALUES RECORDED

Wind speed:

*

W_Vx*

CE

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, o is used.

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

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

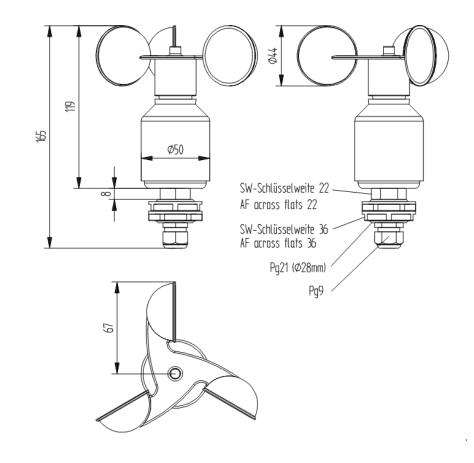
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INSTALLATION

Installation:	e. g. with
Operating temperature:	-4070 °
Connection class:	Cable UV
Dimensions:	Ø 135 mn
Protection class:	IP 55
Weight:	0.75 kg

SCALE DRAWING

e. g. with a traverse attached to a mast (articel 423443 oder 423444) -40...70 °C Cable UV-resistant, 12m (6x0.25 mm²) Ø 135 mm x 165 mm IP 55 0.75 kg



meteocontrol GmbH | Spicherer Straße 48 | 86157 Augsburg | Germany | Telephone +49 (0)821 34666 - 0 | Fax +49 (0)821 34666 - 11 E-Mail info@meteocontrol.de | Web www.meteocontrol.com