

Configuration form: Calibration of sonic anemometer

Deutsche WindGuard offers different calibrations for two and three dimensional sonic anemometers. Furthermore, the sonic anemometer is usually configurable in several ways.

To reduce the possibilities of errors we would kindly ask to return the completed form to the following email address: c.herold@windguard.de.

Details of the sonic to be calibrated:

Manufacturer: Type number:

Requested accredited calibration(s):



Calibration in accordance with MEASNET/IEC 61400-12-1 at flow speed range 4 to 16 m/s

Calibration at flow speed range m/s to m/s.

Please specify the requested flow speed steps in the remarks!



Calibration of yaw response IEC 61400-12-1. Angular range 0 to 360 deg, flow speed 8 m/s

Calibration in accordance to the European Commission Regulation (EU) 2017/2400

Calibration of yaw response at angular range deg to deg, flow speed: m/s

Calibration of tilt response IEC 61400-12-1. Angular range -30 ... 30 deg, flow speed 8 m/s

Calibration of tilt response at angular range deg to deg, flow speed: m/s



Yaw orientation of sonic during flow speed/tilt calibration: deg.

Configuration of sonic: (Please check the manual for possible configurations)



Polar Mode (recommended)  or UVW Mode 

Serial signal (e.g. RS485/RS422) Baud rate 

Analogue output 0-10 V 0-20 mA other:

2-10 V 4-20 mA

Scaling of analog channels: 

IMPORTANT INFORMATION: WindGuard may re-configure the sensor during the calibration to obtain an averaging interval and output rate of at least 1 Hz to fulfill the requirements of the IEC 61400-12-1:2017. If disagreed, the calibration time must be increased, which might result in higher calibration costs.

Agree, possible re-configuration allowed

Disagree, re-configuration forbidden

Keep configuration after calibration

Reset to the initial setting

Additional remarks:
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Please use the information of this completed form for all future calibrations of the above mentioned type. This agreement is valid until revoke

Date: Company/Sign: