

**W 7.3.3.1b* DAkkS Accredited Calibration of SCHMIDT® Thermal Flow Sensors
Checklist to define scope of calibration – service return**



To ensure that the DAkkS accredited calibration of your thermal SCHMIDT® Flow Sensor can be realized without problems, we kindly ask you to provide further information in advance:

Sensor data: *For non-SCHMIDT® Sensors, please use separate checklist "third-party device"!*

Manufacturer¹: SCHMIDT Technology Your reference: _____

Sensor type¹: _____ Art.-No.¹: _____

Serial-No.¹: _____ Configuration: _____

Optional information (can also be defined by serial number):

Probe length: _____ Measuring range²: _____

Measuring direction: uni-directional bi-directional

¹ **Mandatory information!**

Completed SCHMIDT®

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Bezug zu (Angebot / Auftrag):

² Maximum measuring range for a DAkkS accredited calibration is $w_N = 35$ m/s

Sensor modifications:

Modifications made by customer to connect the sensor must be undone by you in advance; alternatively, enclose a suitable adapter plug (one side with open cable ends).
At receipt of sensor: If there are adaptations at the sensor which may prevent a successful calibration, we will dismantle them and not reattach them after calibration (for liability reasons). The loose parts will be enclosed with the return delivery. We reserve the right to charge a flat rate of 25 €/sensor if the disassembly takes more than 5 minutes per sensor. If there is a risk of damage to the sensor or if the disassembly work is unreasonable, we reserve the right to refuse the calibration after acceptance of the order..

Information regarding sensor modification read and accepted

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Declaration on Decontamination:

To protect our employees from hazardous substances, the carton must not be opened if the shipping documents are not accompanied by our own "SCHMIDT® declaration on decontamination". The form "Declaration on Decontamination of Flow Sensors" is available for download on our homepage.

SCHMIDT® Declaration on Decontamination completed, signed and enclosed

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Scope of DAkkS accredited calibration:

Choice of calibration points:

SCHMIDT® Standard (5 calibration points following datasheet "DAkkS Accredited Calibration")

5 calibration points customized specification (w_N in m/s):
P1 _____ P2 _____ P3 _____ P4 _____ P5 _____

Additional calibration points (extra charge), customized specification (w_N in m/s):
P6 _____ P7 _____ P8 _____ P9 _____ P10 _____

Choice of output signal: *(only one output signal per calibration process)*

0-10 V 4-20 mA

Conformity assessment (according to RL-ST-200) → standard = high level of confidence:

Deviating from the standard, I choose: low level of confidence no conformity statement

Calibration position: Calibration at accredited standard measuring point "position 72 mm".

Optional Scope:

Sensor cleaning in case of visible contamination (after "as found" calibration; requires re-adjustment³ and 2nd DAkkS accredited calibration "as left"; offered separately in case of detected contamination after incoming goods inspection)

or

Re-adjustment³ in general, regardless of the calibration result "as found" (on delivery)
(After the "as found" calibration has been carried out, the sensor head becomes cleaned and the sensor will be re-adjusted. Finally a second DAkkS accredited calibration "as left" will be carried out.)

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³ The re-adjustment is always carried out over the entire device-specific measuring range. Any existing scaling is not taken into consideration.

Special notes and requests:

Kalibrierlabor (ggf.):
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Date, signature:

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