# SFC5xxx

Quick start guide for mass flow controller kit



## 01

#### Set-up

- Install up-to-date "SFC5xxx viewer" software and USB drivers from our website.
- Connect your mass flow controller to a source of pressurized gas (mind the arrow indicating flow direction). For your first measurement, the outlet can stay unconnected.
- Connect the DB9 cable to the mass flow controller (sold separately from evaluation kit).
- Connect the USB part of the cable to your PC.
- Choose the right plug, insert it into power adapter and connect it to 100-240 VAC.



## **02**

## Getting started with Sensirion SFC5xxx viewer software

- Start the SFC5xxx viewer software.
- Select the COM port the mass flow controller is connected to and click "Open".
- Choose the calibration for the gas you have connected, right-click on it and select "Load Calibration".

Open Session	SFC5xxx Viewer V1.72 (Connected to 'SFC5400' on Port 'COM7', Address: 0)		- 🗆 X
Connection Port COM6	Sestion Data Deploy DeviceHet System Homation Product Igne: SPCRvs (bi00020000) Product Igne: SPCRvs (bi00020000) Andie Code: 1100886-01 Sental Rumber: 1830043 0 Ventex: Permane: V1.04, Hardware: V1.00, SHDLC: V1.00	Communication In RS485 (SHDLC) I Device Address:	terface (SHDLC) Boudrate: 115200 ~ 0 Change Address
Device Baudrate 115200 V	Gas:         Air/N2         Location in Calibration Mem           Range:         0.5 sim         Cas:         8           Maid Calibration:         0.8 Mar. 2021 by Senation, 23°C, Accuracy, 0.8% of SP/0.08% of FS         Last Receiptore. NA	ory: 0 G active G G B B	Active Calibration:           Gas and Range         Gas:         Art/N2           Gas ID:         8         8           Now Range:         0.5         5           Bow Unit::         sm         5
Fixed Address:     0     Scan until first Device found     Scan all (0254)	Gas: 02 Lecaton in Calibration Mem Renge: 05 sin <u>Speed Calibration</u> Gas ID Sam <u>Speed Calibration</u> Had Recalibration: IV/A Har Recalibration: IV/A	any: 1 D Cu Tr Pi A	Nitial Calibration etc: 08. Mär. 2021 ompany: Sensition emperature: 23°C 3bar (inlet), 3 bar (inlet to outlet) ccuracy: 0.8% of Setpoint/0.08% of Fullscale
Cancel Open	Gas:         H2         Leastion in Calibration Mem           Rain (D)         1 alm         1           Gain (D)         1 alm         1           Table (D)         1 alm         1           Gain (D)         1 alm         1           Least (D)         1 alm         1           Least (D)         1 alm         1           Least (D)         1 alm         1           Gas:         Ho         Leastion in Calibration Mem	ory: 2 LL D Cu Tri Pi A	ast Recalibration whe: N/A ompany: N/A emperature: N/A resure: N/A coursey: N/A

## Controlling gas flow

- Go to "Data Display" tab.
- (1) Select the desired flow units (e.g. normalized or physical calibration units).
- (2) Click "Run". You can optionally log the data.
- (3) Specify the desired flow set point and click "Set".



Please find all information about our mass flow controllers, including necessary software, on our website: www.sensirion.com/sfc5500



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Thank you for your interest in our mass flow controller solutions.

#### **Sensirion AG**

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