SFC6000

Quick start guide
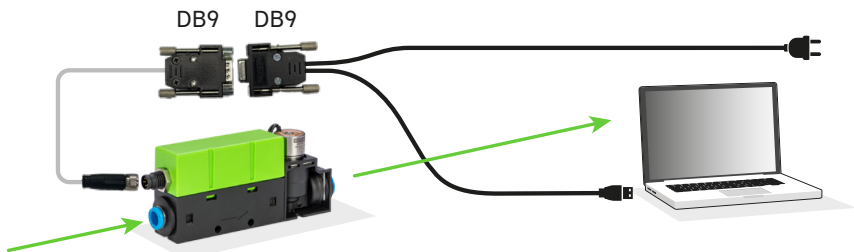## for mass flow controller kit

Welcome

This quick start guide will help you in evaluating SFC6000 in just a few simple steps. All you need is a SFC6000, a PC, a pressurized gas source and the evaluation kit for SFC6000 (sold separately).

Please visit our website for more information on the SFC6000, including the required software: www.sensirion.com/

01

Set-up
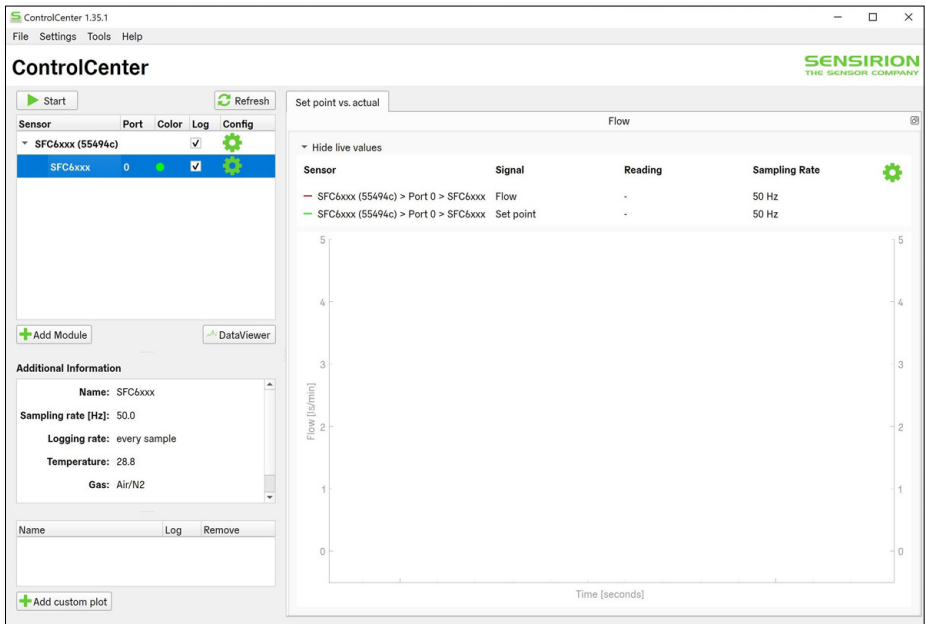- Install the latest version of "ControlCenter" software.
  https://sensirion.com/products/sensor-evaluation/control-center/
- Connect the SFC6000 in the direction indicated by the arrow to a pressurized gas source. For your first test, the outlet can stay unconnected.
- Connect the two DB9 cables together and the one cable with a round end to SFC6000.
- Connect the USB part of the cable to your PC and the power adapter to an electric source.

DB9   DB9

Overview of Sensirion ControlCenter

- Start the Sensirion ControlCenter application.
- SFC6xxx should be listed in the sensor window. If it is not listed, the set-up is most likely incorrect and should be reviewed.
- Pressing the wheel symbol opens the configuration window.
- In the configuration window choose the right gas calibration and hit "Done".
- To start the measurement press "Start"

03

1.001.062 / 2212-EK-F6x-EN

Controlling Gas Flow

- Launch the ControlCenter and make sure SFC6000 is connected.
- Press "Start" to begin the recording of the measurement.
- Open the configuration window and specify the desired set point.
- Press "Apply" and hit "Done".
- Configure the set point to be 0 and press "Stop" to end the evaluation.

Note: You need to configure set point to 0, in order to close the valve, else it will remain open.

SFC6xxx - Configuration   ✕

General

| Connected To | **SFC6xxx-0000000085CFFB43_SFC6xxx@port0** |
| Serial Number | 0000000085CFFB43 |

Name | SFC6xxx

Sampling | ⦿ Rate 50.000 ▲▼ Hz   ○ Interval 0.0 ▲▼ s ▼

Logging | every sample ▼

⦿ Log every n-th sample   ○ Log average over n samples

SFC6xxx

Set point: 0.0   ls/min

Controller gain: ⓘ   1.0

[Apply]   [Cancel]

Gas Calibration: ⦿ Air/N2   ○ O2

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

Sensirion AG

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