

## Installation Advice for LG16 Flow Sensors

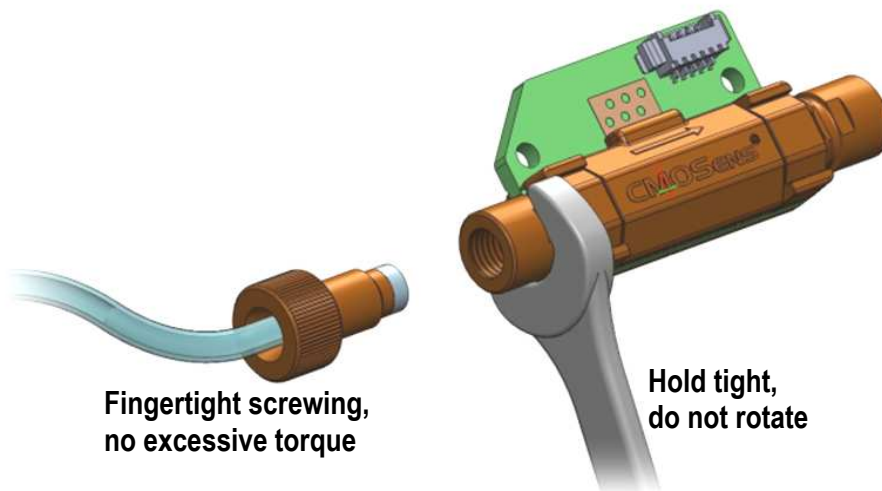
LG16 OEM Flow Sensors are highly sensitive measurement devices for ultra low flow rates. To assure precise and drift-free flow measurements **mechanical stress needs to be avoided**.

These OEM sensors are not made for stand alone usage. You should choose a protected location for reliable operation.

The model LG16-2000 needs to be handled and installed with special care!

Please make sure the following guidelines get respected:

- Connect the sensor to flexible tubings only. Rigid tubings cause mechanical stress.
- **While tightening the fitting, fix the fluidic ports position with a wrench.**



- LG16 sensors are equipped with fingertight fittings. Torques larger than fingertight are not needed for a tight connection and have to be avoided.
- Assure that the sensor gets not stressed temporarily or permanently by mechanical forces like bending or torque.
- The cable length for digital I<sup>2</sup>C communication should be limited to 30 cm (12 inch)