

Measurements

March 15, 2022

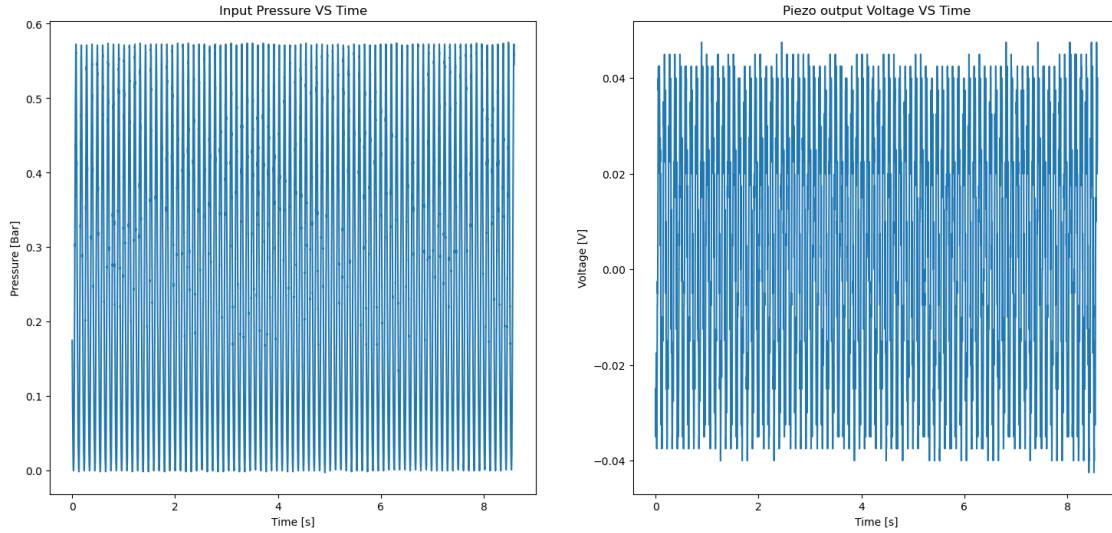
1 PARAMETERS

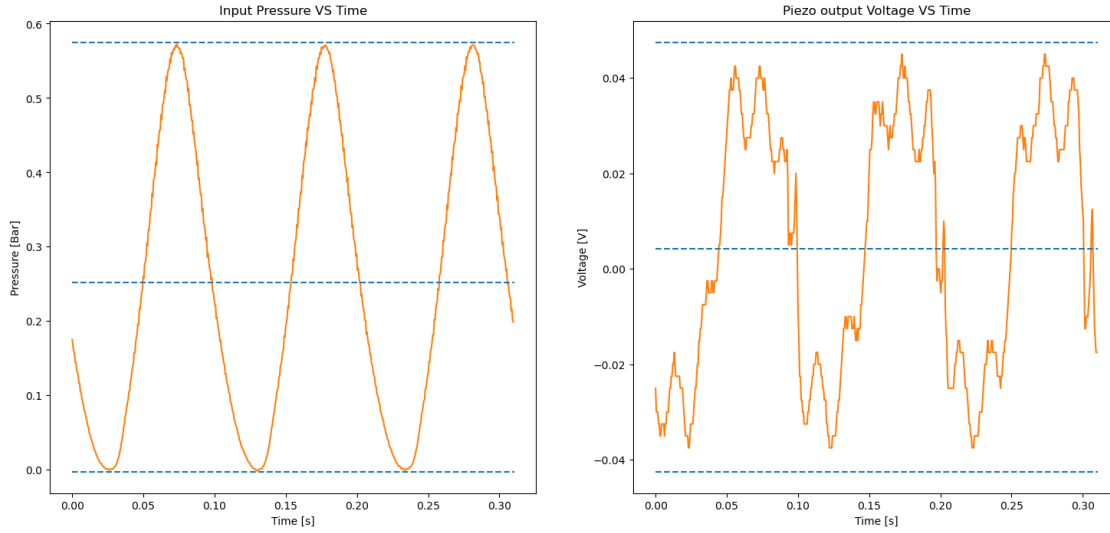
Sample name: ES.PVDF.E0.0m.100nm

	Parameter	Value	Unit
0	Sample name	ES.PVDF.E0.0m.100nm	
1	Measure duration	10.0	[s]
2	Rload	60000.0	[Ohms]
3	Nb Periods	3.0	[1]
4	R Circuit	1.0	[Ohms]
5	Max Frequency	100.0	[Hz]

2 PRESSURE AND VOLTAGE MEASUREMENTS

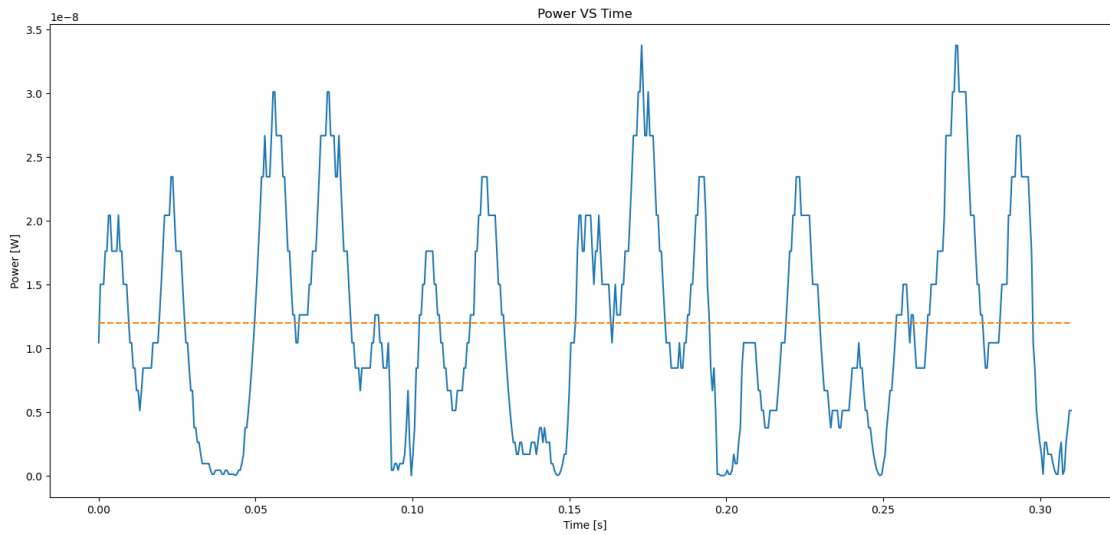
The input frequency is: 9.66 Hz





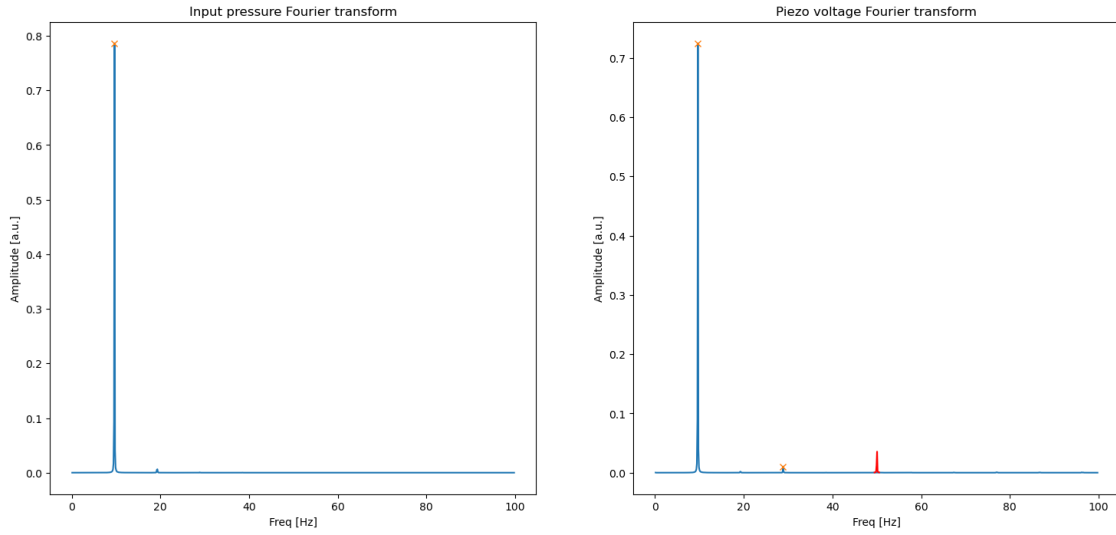
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	-2.50e-03	5.75e-01	5.77e-01	2.52e-01	2.52e-01
1	Voltage [V]	-4.25e-02	4.75e-02	9.00e-02	4.16e-03	2.40e-02

3 POWER



Mean power: 1.20e-08 [W]

4 FREQUENCY ANALYSIS



4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.66	72.44
1	28.87	1.04

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.66	78.64