

Measurements

March 15, 2022

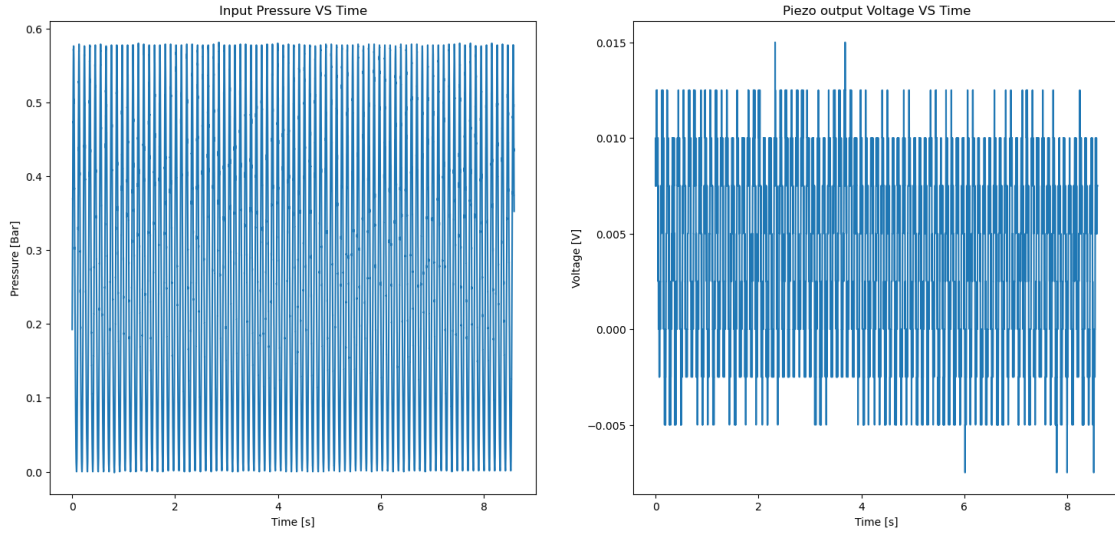
1 PARAMETERS

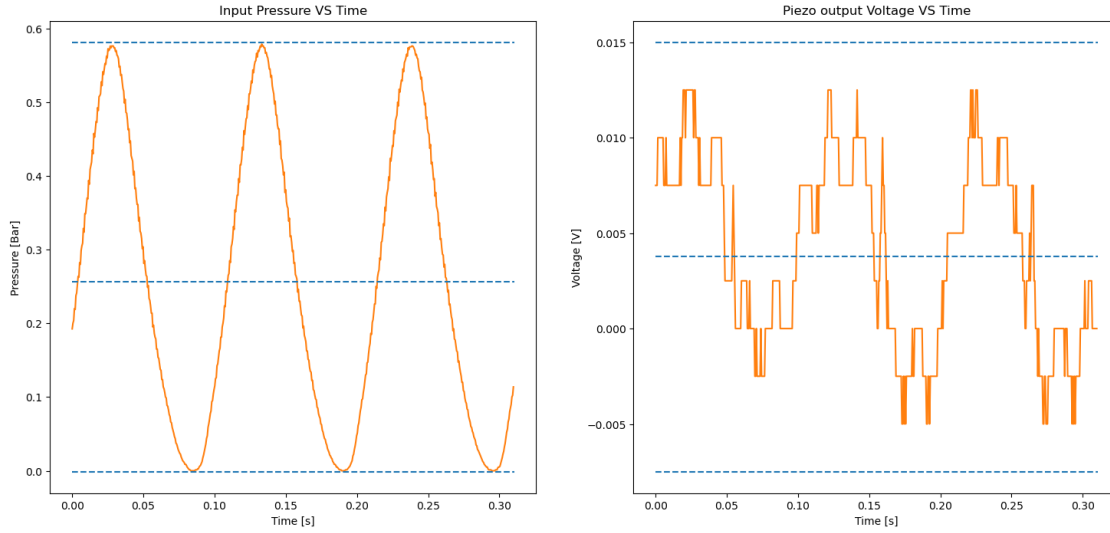
Sample name: ES.PVDF.E0.0m.100nm

	Parameter	Value	Unit
0	Sample name	ES.PVDF.E0.0m.100nm	
1	Measure duration	10.0	[s]
2	Rload	10000.0	[Ohms]
3	Nb Periods	3.0	[1]
4	R Circuit	1.0	[Ohms]
5	Max Frequency	100.0	[Hz]

2 PRESSURE AND VOLTAGE MEASUREMENTS

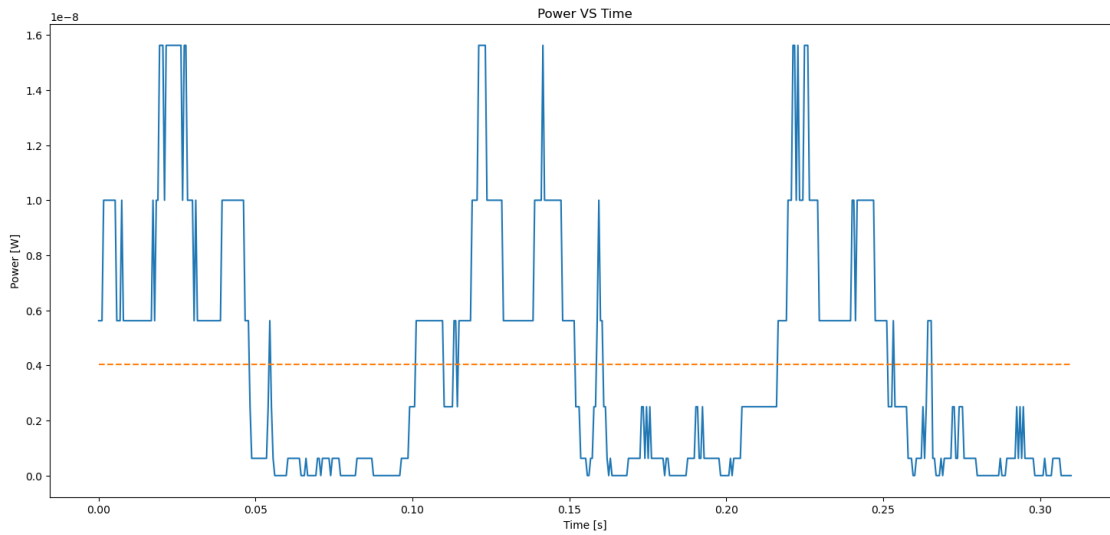
The input frequency is: 9.66 Hz





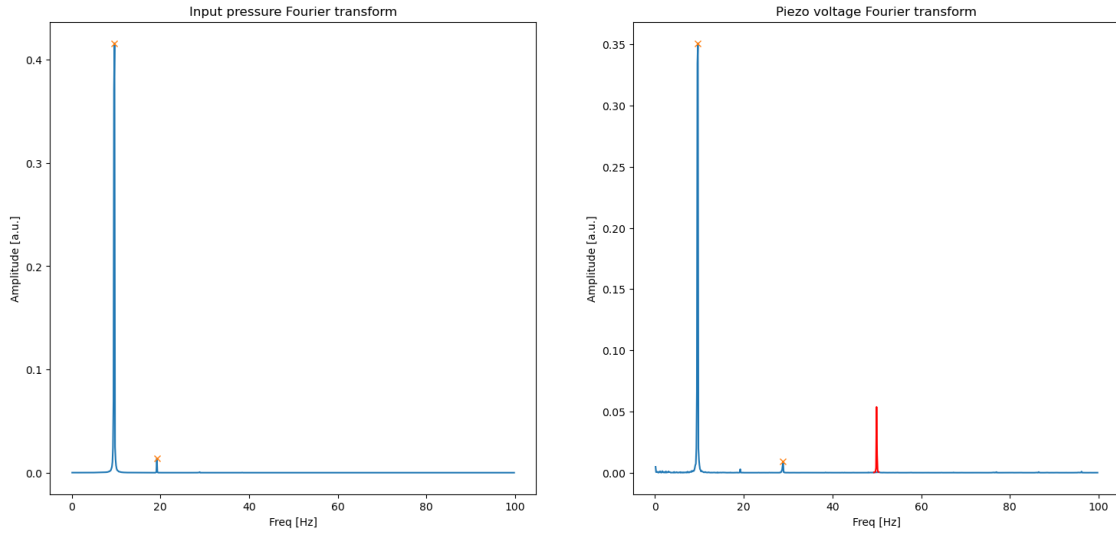
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	-1.25e-03	5.81e-01	5.83e-01	2.56e-01	2.56e-01
1	Voltage [V]	-7.50e-03	1.50e-02	2.25e-02	3.78e-03	4.78e-03

3 POWER



Mean power: 4.03e-09 [W]

4 FREQUENCY ANALYSIS



4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.66	35.09
1	28.87	0.89

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.66	41.59
1	19.21	1.37