

Measurements

March 15, 2022

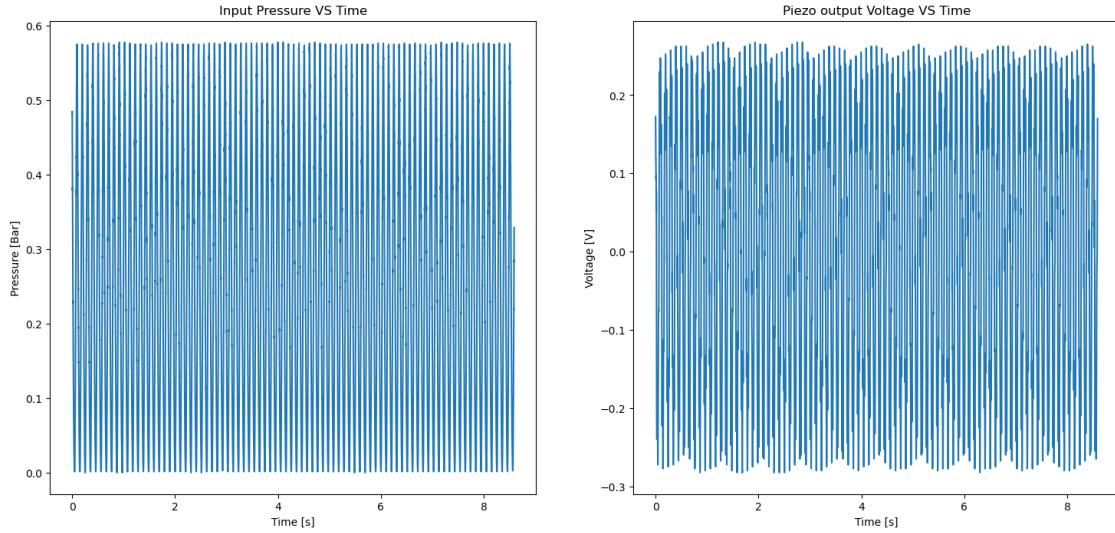
1 PARAMETERS

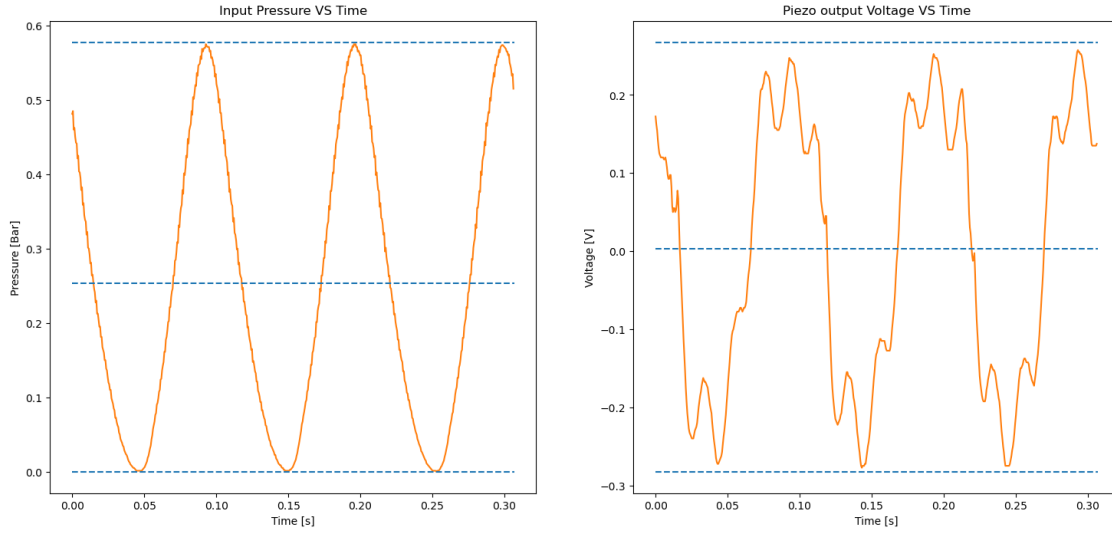
Sample name: ES.PVDF.E0.0m.100nm

	Parameter	Value	Unit
0	Sample name	ES.PVDF.E0.0m.100nm	
1	Measure duration	10.0	[s]
2	Rload	600000.0	[Ohms]
3	Nb Periods	3.0	[1]
4	R Circuit	1.0	[Ohms]
5	Max Frequency	100.0	[Hz]

2 PRESSURE AND VOLTAGE MEASUREMENTS

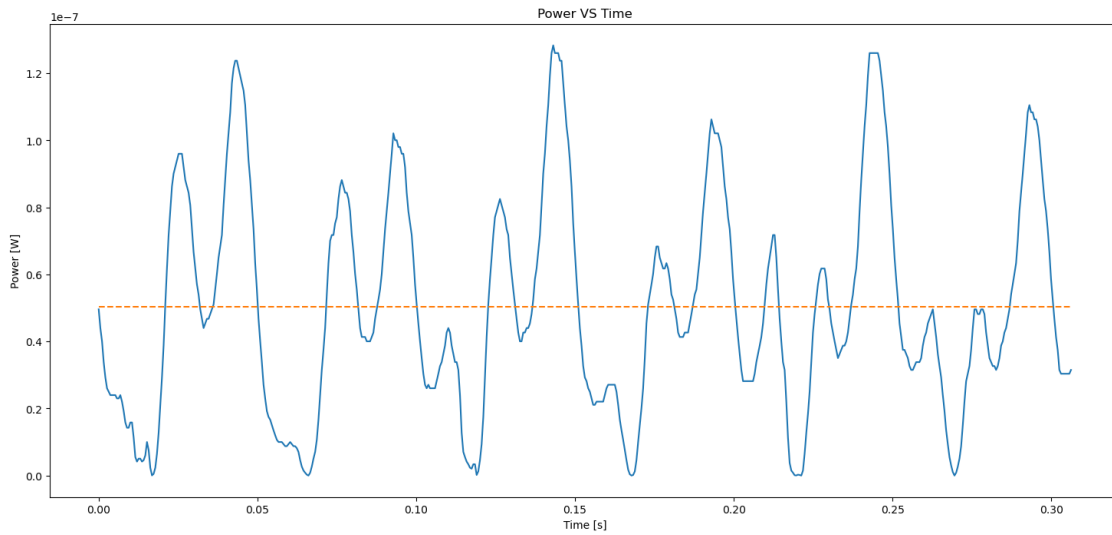
The input frequency is: 9.78 Hz





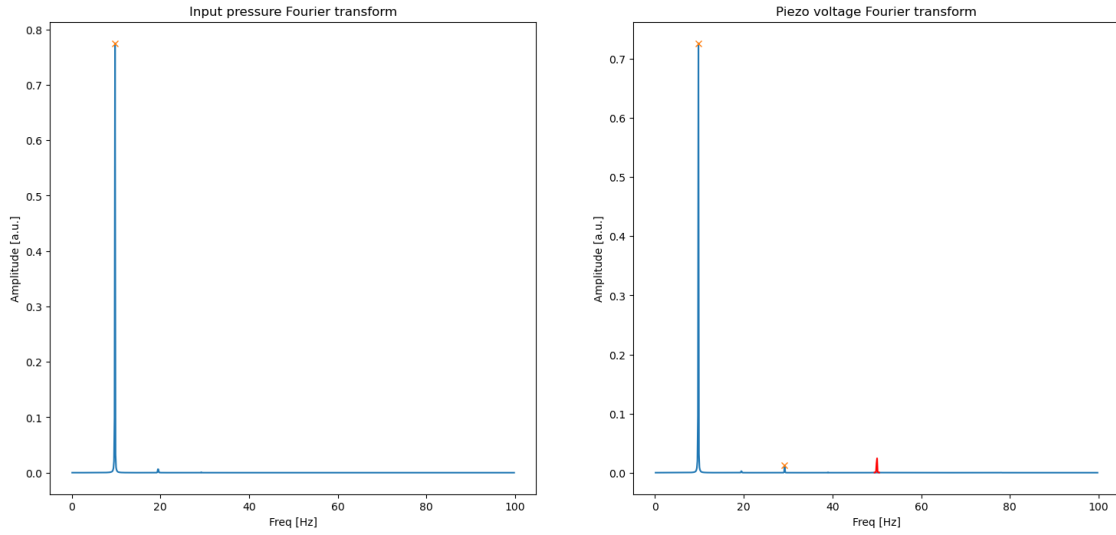
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	0.00e+00	5.78e-01	5.78e-01	2.53e-01	2.53e-01
1	Voltage [V]	-2.82e-01	2.68e-01	5.50e-01	2.97e-03	1.61e-01

3 POWER



Mean power: 5.02e-08 [W]

4 FREQUENCY ANALYSIS



4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.78	72.64
1	29.22	1.20

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.78	77.51