

Measurements

March 15, 2022

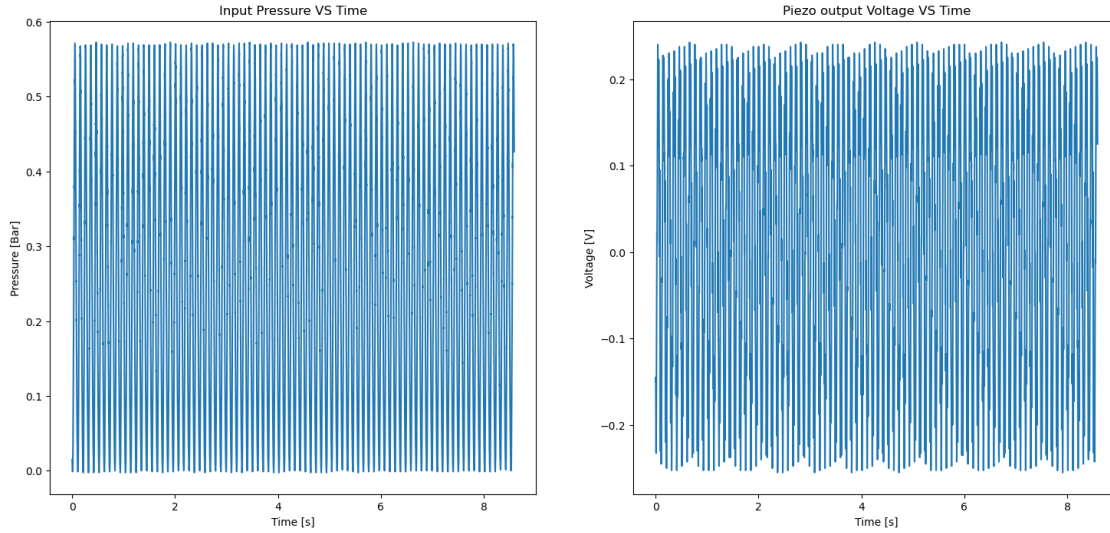
1 PARAMETERS

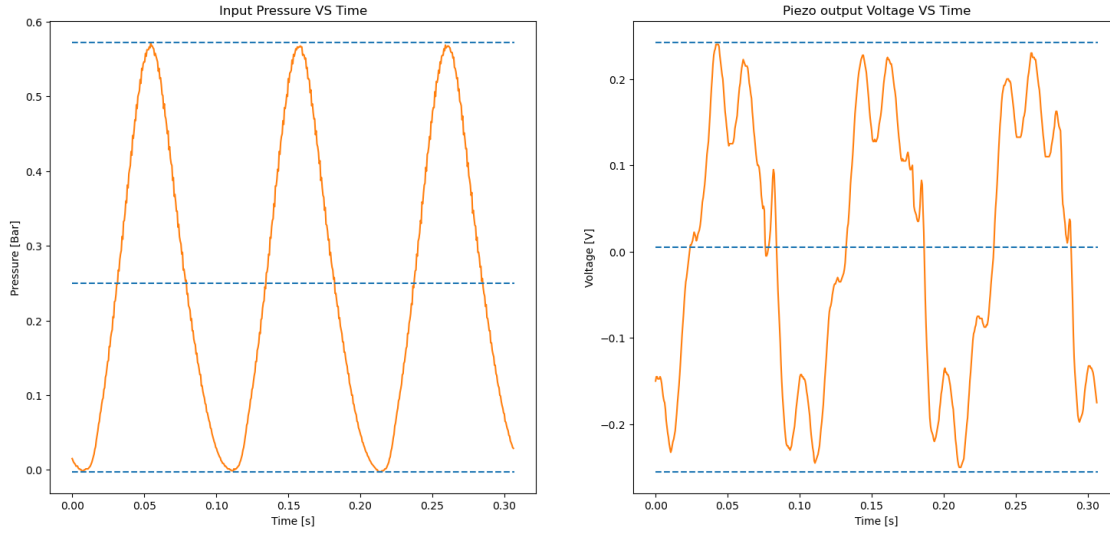
Sample name: ES.PVDF.E0.0m.100nm

	Parameter	Value	Unit
0	Sample name	ES.PVDF.E0.0m.100nm	
1	Measure duration	10.0	[s]
2	Rload	500000.0	[Ohms]
3	Nb Periods	3.0	[1]
4	R Circuit	1.0	[Ohms]
5	Max Frequency	100.0	[Hz]

2 PRESSURE AND VOLTAGE MEASUREMENTS

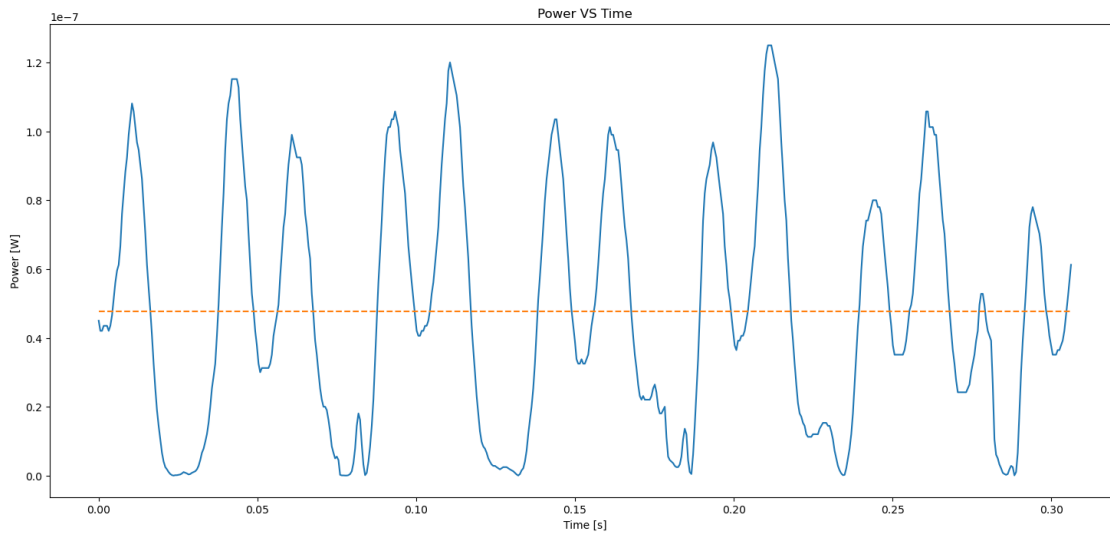
The input frequency is: 9.78 Hz





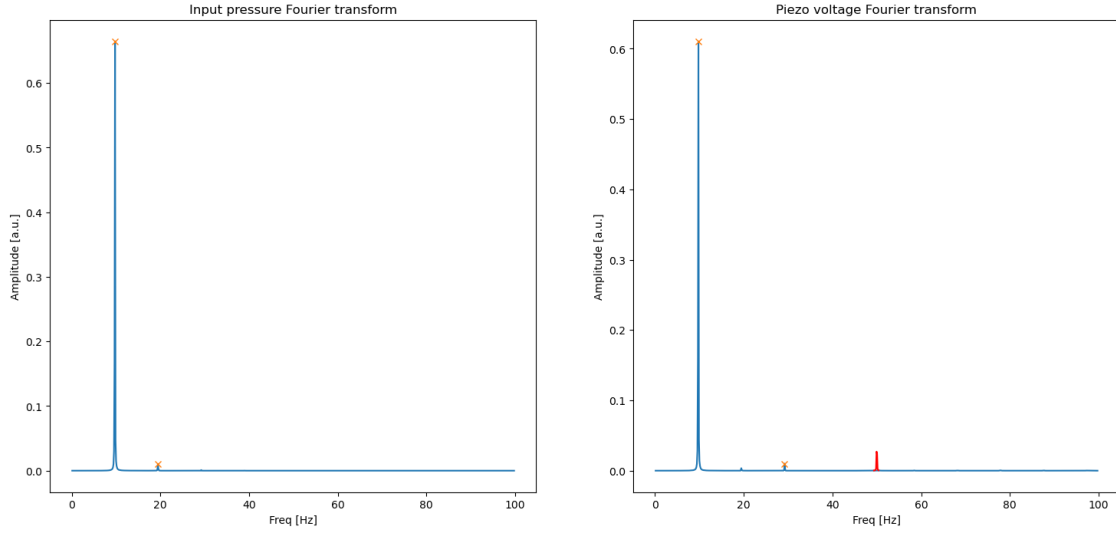
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	-2.50e-03	5.73e-01	5.75e-01	2.50e-01	2.50e-01
1	Voltage [V]	-2.55e-01	2.42e-01	4.97e-01	4.93e-03	1.42e-01

3 POWER



Mean power: 4.77e-08 [W]

4 FREQUENCY ANALYSIS



4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.78	61.06
1	29.22	1.00

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.78	66.46
1	19.44	1.03