

# Measurements

March 18, 2022

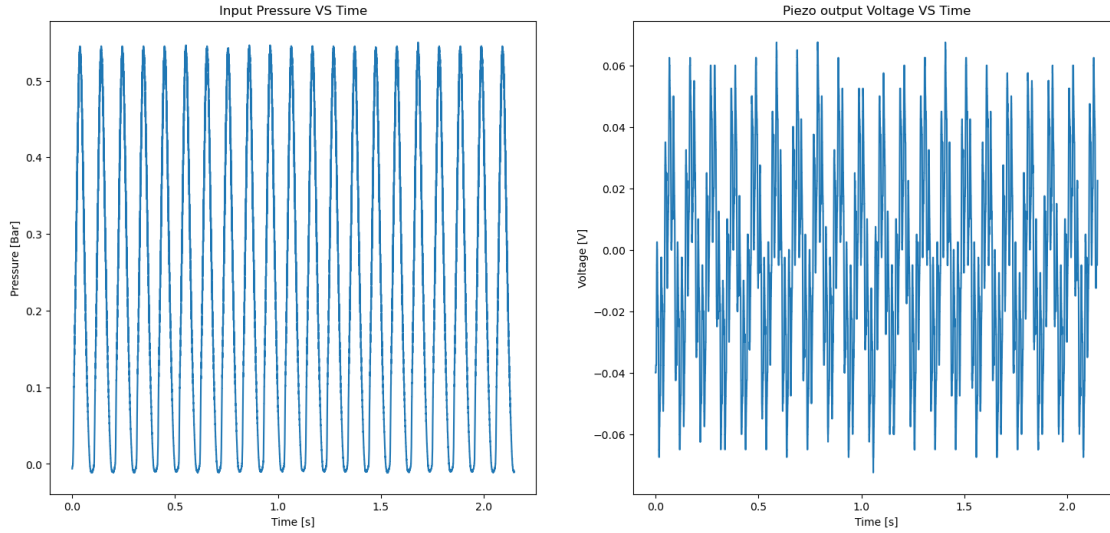
## 1 PARAMETERS

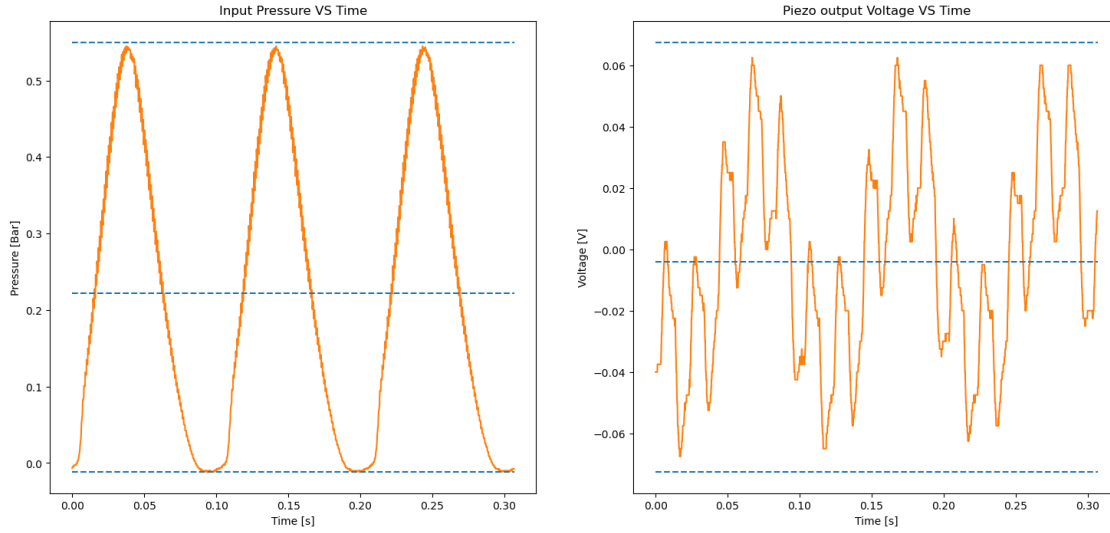
Sample name: ES.PVDF.E0.0m.100nm

	Parameter	Value	Unit
0	Sample name	ES.PVDF.E0.0m.100nm	
1	Measure duration	2.147483648	[s]
2	Rload	5000000.0	[Ohms]
3	Nb Periods	3.0	[1]
4	R Circuit	1.0	[Ohms]
5	Max Frequency	100.0	[Hz]

## 2 PRESSURE AND VOLTAGE MEASUREMENTS

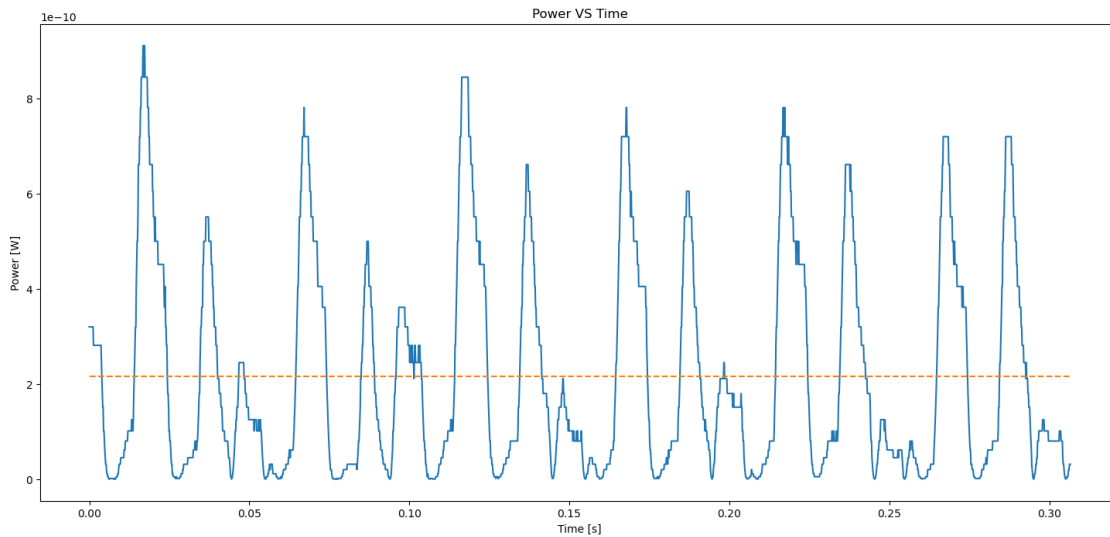
The input frequency is: 9.78 Hz





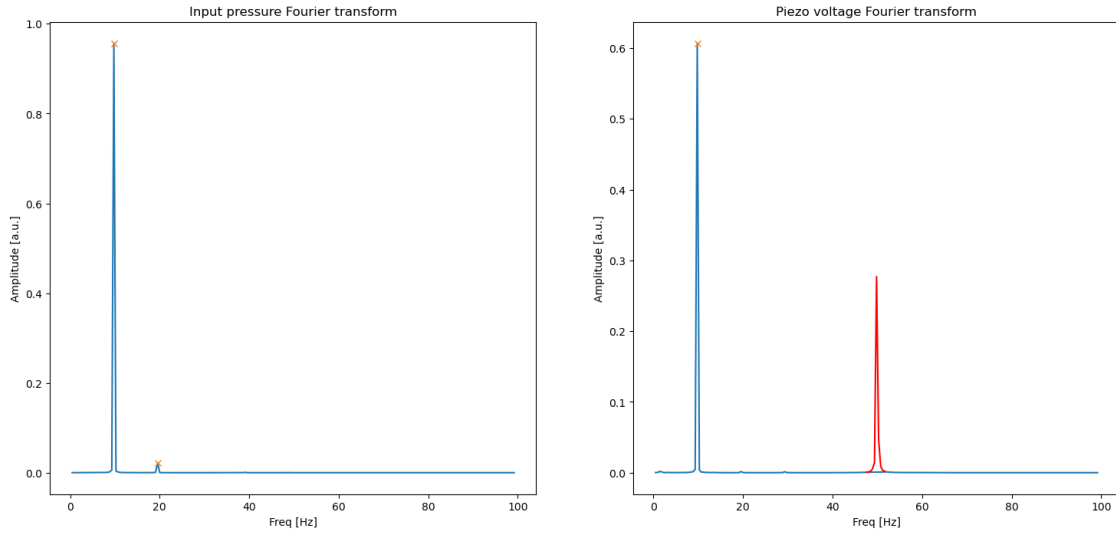
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	-1.12e-02	5.50e-01	5.61e-01	2.22e-01	2.24e-01
1	Voltage [V]	-7.25e-02	6.75e-02	1.40e-01	-4.03e-03	2.69e-02

### 3 POWER



Mean power: 2.17e-10 [W]

## 4 FREQUENCY ANALYSIS



### 4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.78	60.68

### 4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.78	95.67
1	19.56	2.17