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# example of a configuration file for ADC ADS1115

DAQModule: ADS1115Config

ADCChannels: [2, 0]          # active ADC-Channels
                             # possible values: 0, 1, 2, 3
                               # when using differential mode:
                                 #  -  0 = ADCChannel 0
                                 #          minus ADCChannel 1
                                 #  -  1 = ADCChannel 0
                                 #          minus ADCChannel 3
                                 #  -  2 = ADCChannel 1
                                 #          minus ADCChannel 3
                                 #  -  3 = ADCChannel 2
                                 #          minus ADCChannel 3
DifModeChan: [false, true]    # enable differential mode for Channels
Gain: [1, 1]                 # programmable gain of ADC-Channel
                               # possible values for Gain:
                               #  - 2/3 = +/-6.144V
                               #  -   1 = +/-4.096V
                               #  -   2 = +/-2.048V
                               #  -   4 = +/-1.024V
                               #  -   8 = +/-0.512V
                               #  -  16 = +/-0.256V
sampleRate: 860              # programmable Sample Rate of ADS1115
                               # possible values for SampleRate:
                               # 8, 16, 32, 64, 128, 250, 475, 860
```