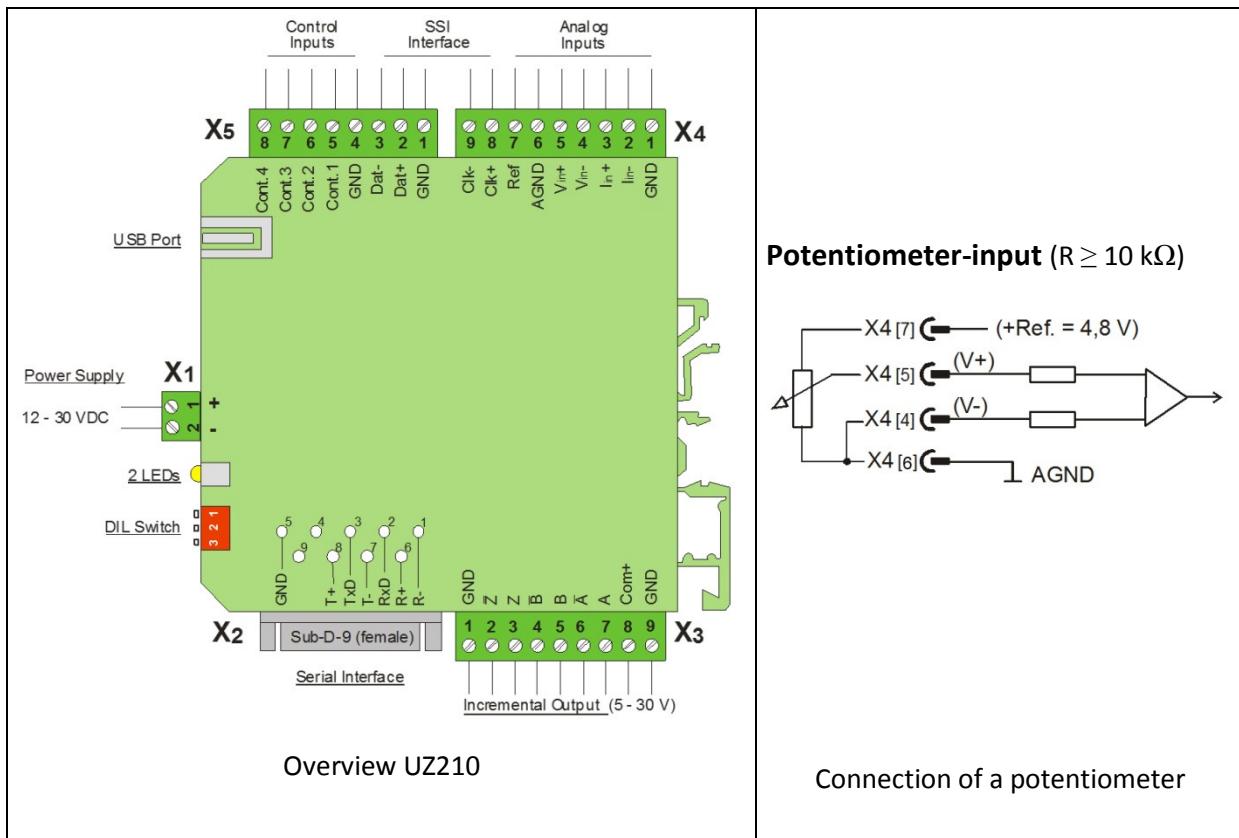


1 Simulator for an incremental encoder

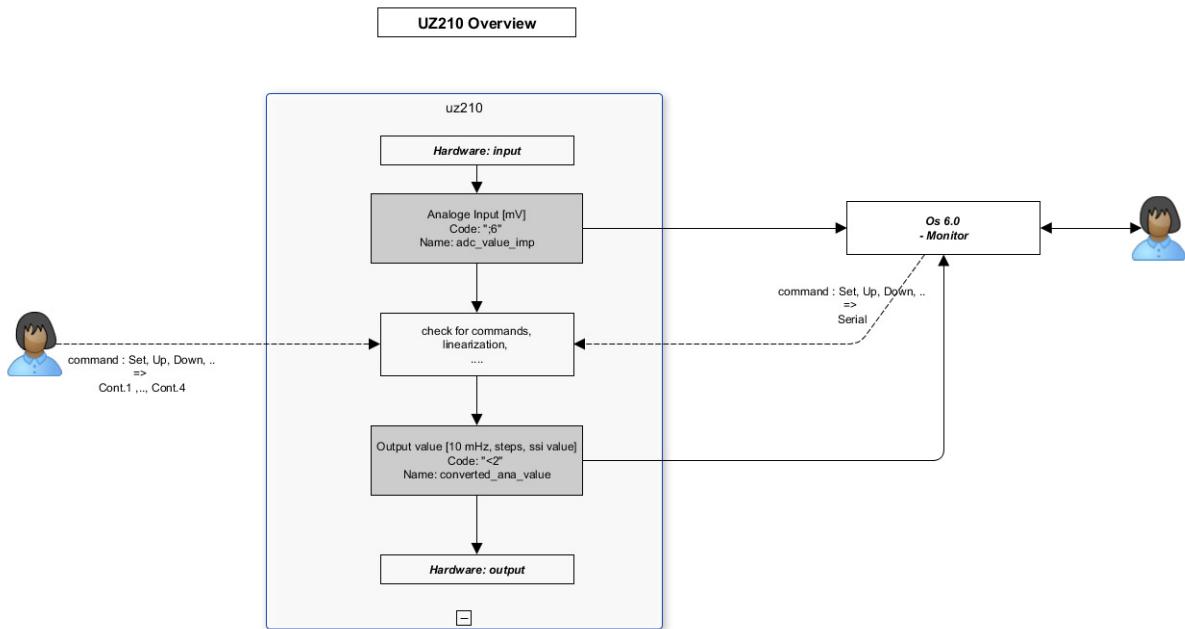
1.1 Using of a potentiometer



Settings of the parameter

No.	General Settings	Range
001	Operational Mode = 0 (Analogue input => Frequency (incremental output))	
002	Special Mode = 0 (standard operation as a signal converter)	
No.	Analogue Settings	Range
010	Analogue Mode = 0 (Input signal = voltage ($\pm 10 \text{ V}$))	
011	Analogue Low Value: 0	
012	Analogue High Value: 10.000 [mV] (or 4.800 see Connection of a potentiometer)	
No.	Encoder Setting (Incremental Output)	Range
027	FRE Low Value: Start value of the frequency where the analogue input equals to „Analogue Low Value“	start value (Hz)
028	FRE High Value: End value of the frequency where the analogue input equals to „Analogue High Value“	end value (Hz)

Monitoring with Os6.0



1.2 Using of the OS 6.0

Settings of the parameter

No.	General Settings
001	Operational Mode = 0 (Analogue input => Frequency (incremental output))
002	Special Mode = 1 (Function as „Motorized Potentiometer“ (frequency and position generator, keys „UP“ and „DOWN“))
006	Time up = your value Ramp time for UP commands (increase output with motorized potentiometer and repeat functions)
007	Time down = your value Ramp time for DOWN commands (decrease output with motorized potentiometer and repeat functions)
No.	Analogue Settings
010	Analogue Mode = 0 (Input signal = voltage (± 10 V))
011	Analogue Low Value = 0
012	Analogue High Value= 10.000 [mV]
013	Analogue Set Value= your value (Preset value for the analogue input, if the SET command is active then this value overrides the analog input)
No.	Encoder Setting (Incremental Output) Range
027	FRE Low Value: Start value of the frequency where the analogue input equals to „Analogue Low Value“ start value (Hz)
028	FRE High Value: End value of the frequency where the analogue input equals to „Analogue High Value“ end value (Hz)

The commands DOWN, SET and UP will set from the OS 6.0.

