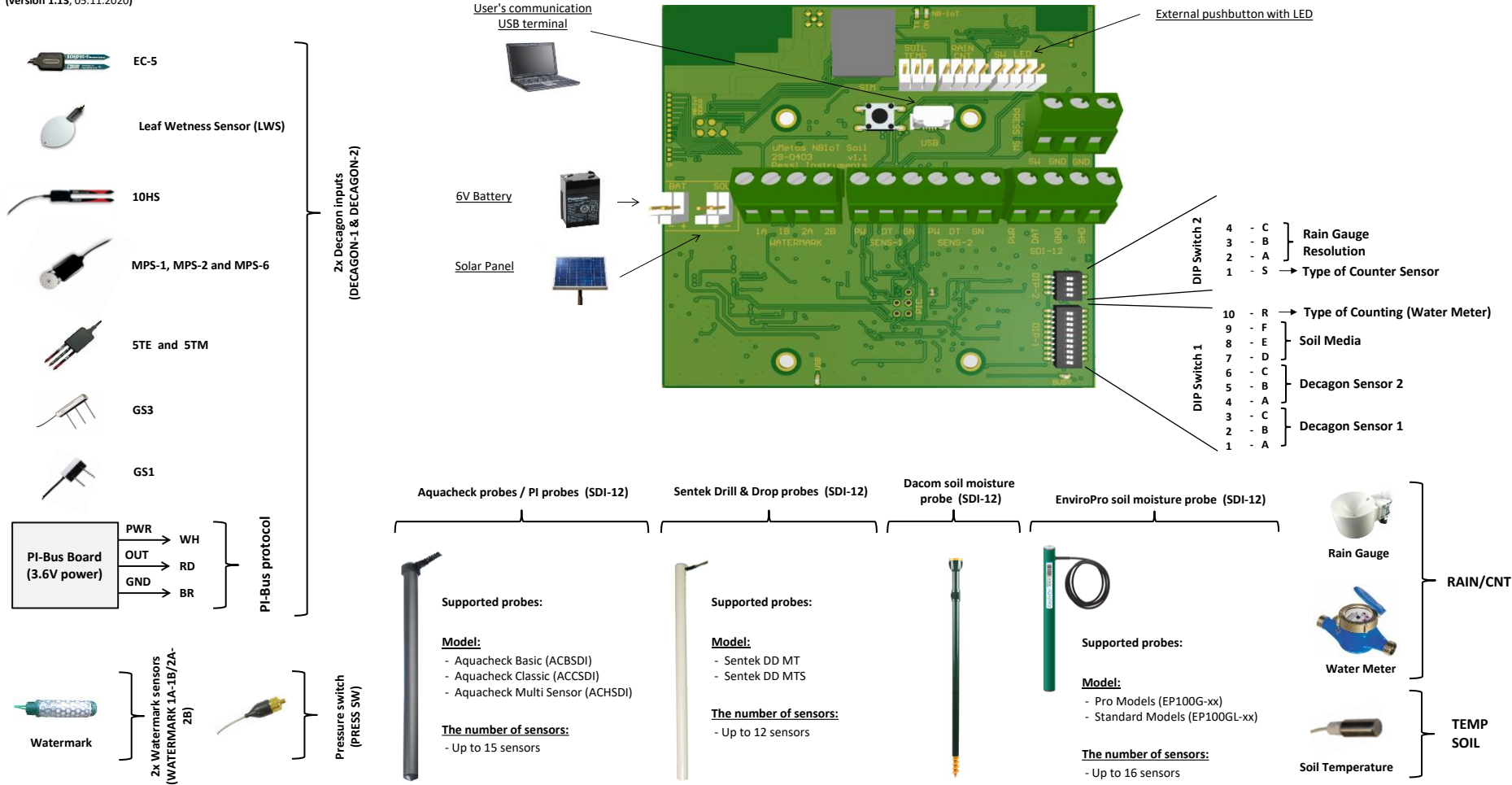


*** Connection schema of uMetos NBloT SOIL 1.1 (29-0403)**

(Firmware version: Firmware_uMetosNBloTSoilV100_v113)
(version 1.13, 05.11.2020)



D	E	F	Soil media	EC-5	10HS	LWS	MPS-1	MPS-2	MPS-6	STE	STM	GS3	GS1
0	0	0	Mineral soil*	X	X					X	X	X	X
0	0	1	Potting soil	X	N/A					X	X	X	X
0	1	0	Rockwool	X	N/A					X	X	N/A	N/A
0	1	1	Perlite	X	N/A	Not used!	Not used!	Not used!	Not used!	X	X	X	X
1	0	0	Peat	N/A	N/A					N/A	N/A	X	X
			others	"reserved"	N/A					N/A	N/A	N/A	N/A

A	B	C	Decagon input
0	0	0	EC-5
0	0	1	10HS
0	1	0	LWS
0	1	1	MPS-1
1	0	0	MPS-2 / MPS-6 / STE / STM / GS3
1	0	1	GS1
1	1	0	"reserved"
1	1	1	PI-Bus protocol

G	H	I	Rain Gauge / Water Meter
0	0	0	0.1 mm / 0.1 L
0	0	1	0.2 mm* / 1 L*
0	1	0	0.5 mm / 10 L
0	1	1	"reserved" / 100 L
1	0	0	"reserved" / 1000 L
1	0	1	"reserved"
1	1	0	"reserved"
1	1	1	"reserved"

* X - Available calibration.

* N/A - Not available! (For EC-5, 10HS, STE, STM, GS3, GS1 - Default mineral soil calibration)

* - Default mineral soil calibration in case of EC-5, 10HS, STE, STM, GS3 or GS1 sensor, if selected "reserved" or N/A option.

* - Default resolution if selected "reserved" option.

S	Counter Sensor (RAIN/REED)
0	Rain Gauge (Precipitation)
1	Water Meter

R	Water Meter Counter
0	Resettable counter
1	Non-resettable counter

PI-Bus Board Support:

PI-Bus board	Sensor code	PCB number	Sensors
Water Depth	0x6201	29-0191, 29-0708	WaterDepth, Temperature Sensors
Tensiometer	0x7201	29-0194	4x tensiometer + 1x Air Temperature
HYT Air Temperature & Humidity	0x5503	29-0236	I2C HYT Temperature & Humidity Sensor connected on IR leaf Wetness Interface
Water Meter Sensor	0x6301	29-0175	Water Metet Sensor with resolution of 1 L per pulse
New Tensiometer	0x7210	29-0708	Metallux Ceramic Pressure Sensor
IR Leaf Temperature	0x8A01	29-0236	IR Leaf Temperature (Melexis)