

















**WARNING!**

Before carrying out ANY work inside control panel of the MyPool device, make sure you disconnect it from the power supply.

Failure to comply with the instructions contained in this manual could cause injury to people and/or damage to the appliance and the system.

## 1. PACKAGE CONTENT

 <b>A:</b> Tapping saddle for securing PSS3 onto 2" hose (φ=50 mm)	 <b>B:</b> Foot filter (PP riser)	 <b>C:</b> Mounting bracket kit (φ=6 mm screws)	 <b>D:</b> FPM Lip valve (3/8" GAS)	 <b>E:</b> PSS3 probe-holder (1/2" GAS)
 <b>F:</b> pH probe	 <b>G:</b> Redox probe	 <b>H:</b> pH 7 Buffer solution	 <b>I:</b> pH 9 Buffer solution	 <b>J:</b> 475 mV Calibration solution
 <b>K:</b> Water	 <b>L:</b> 4x6 (IDxOD mm) PVC tube (4m)	 <b>M:</b> 4x6 (IDxOD mm) PE tube (5m)	 <b>N:</b> Reducer for injection valve (1/2" M to 3/8" F)	

Item*	A	B	C	D	E	F	G	H	I	J	K	L	M	N
<b>System</b>														
<b>MyPool pH</b>	2	1	1	1	1	1	-	1	1	-	1	1	1	1
<b>MyPool ORP</b>	2	1	1	1	1	-	1	-	-	1	1	1	1	1

\* The values from the table represents the number of items inside the package.

# MyPool | pH · ORP

## WARNING!

These products are **DANGEROUS** and require special precautions during use, handling and storage.

- **NEVER mix chemical products.**
- NEVER allow children or people who have not read this manual to use or tamper with MyPool or any of its peripheral components (including chemical products).

### pH chemical products:

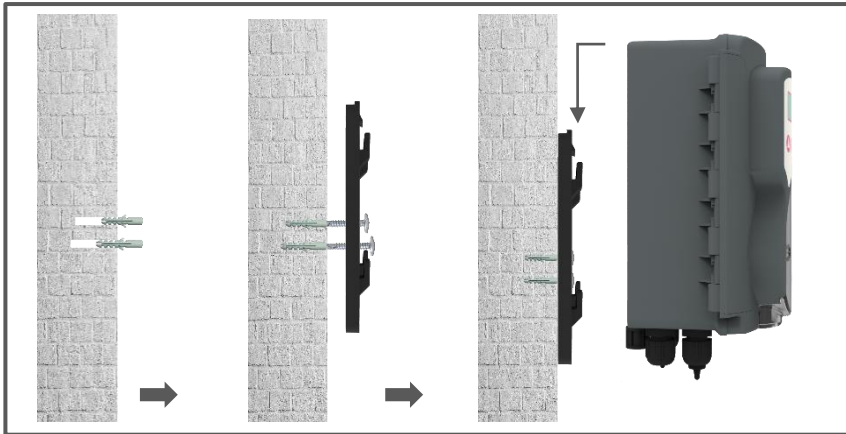
- **ABSOLUTELY** not recommended => pure sulphuric acid
- Recommended for lowering pH => negative pH (with a sulphuric acid base)
- Recommended for raising pH => positive pH (sodium carbonate or bicarbonate)

### ORP chemical products:

- **ABSOLUTELY** not recommended => all types of organic chlorine

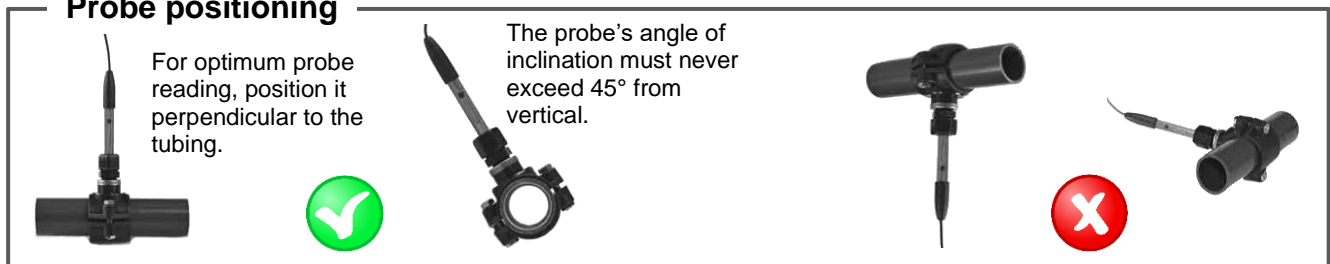
The pH / ORP probes are subject to wear and tear and therefore are not covered by the warranty.

## 2. INSTALLATION INSTRUCTIONS

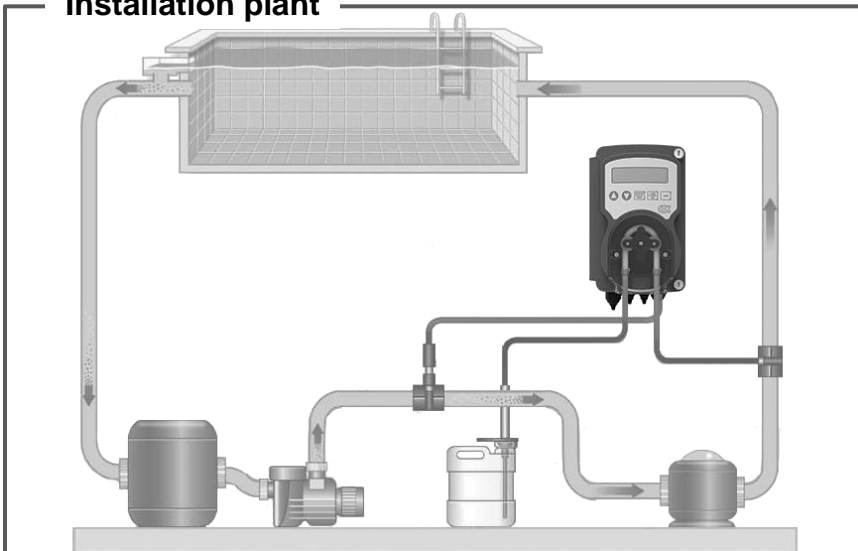


Make sure that the injection pressure is below 1.5 bar

### Probe positioning



### Installation plant



### Warning!

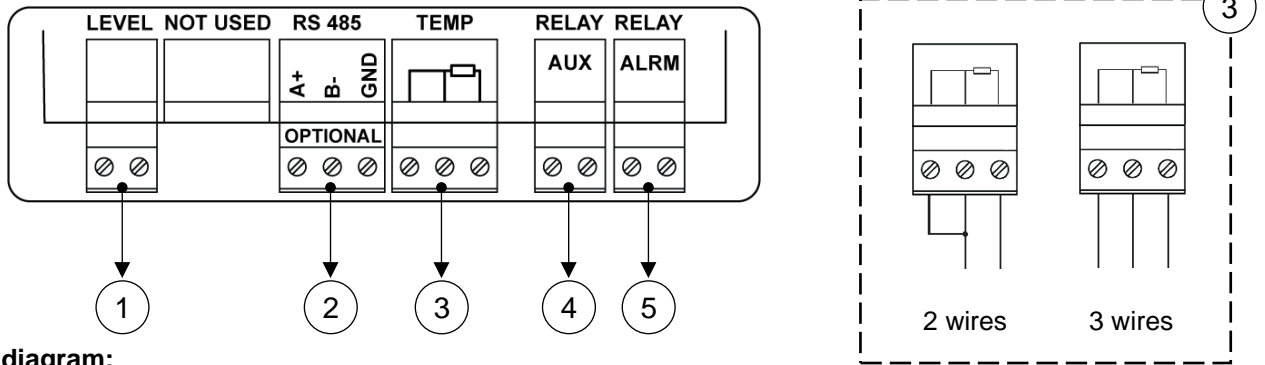
#### Use with salt chlorinator:

For the pH systems, to prevent the risk of system malfunctioning or damage, observe the following instructions:

1. Position the pH measuring probe prior to the chlorinator cell.
2. To eliminate eddy currents, connect the pool water to an electrical ground point
3. Position the product injection point after the chlorinator cell.

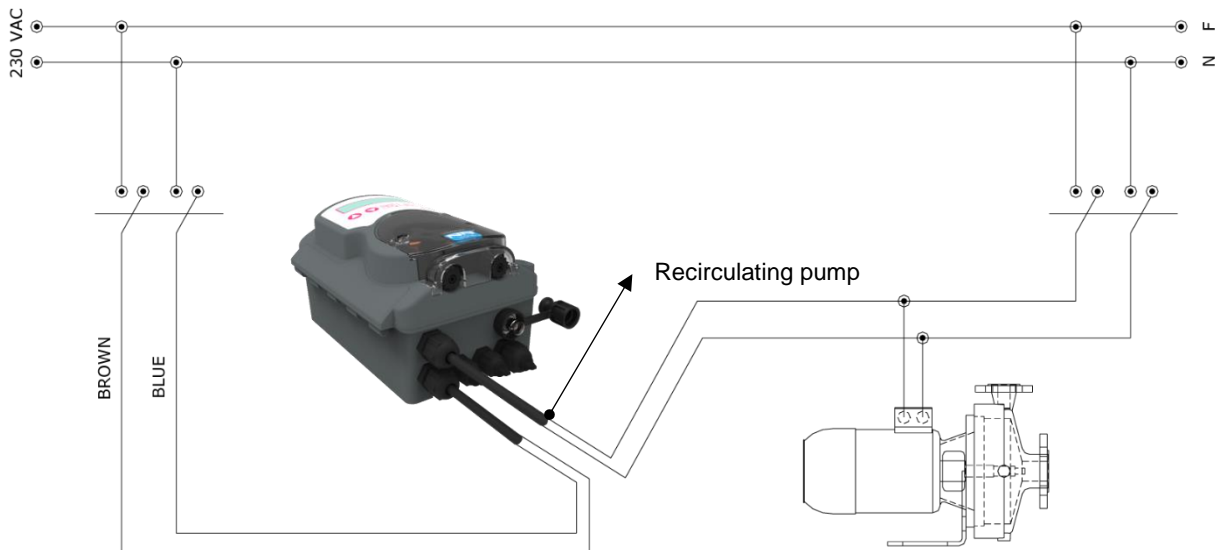
## 3. ELECTRICAL CONNECTIONS

Connect the power supply cable to the mains and the servocontrol pre-wired cable to the auxiliary contact of the filter box (230 Vca).



### Wiring diagram:

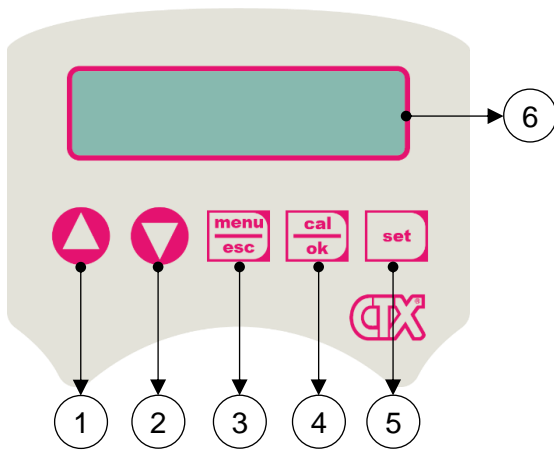
1. Input Level Probe (Product Tank)
2. RS485 Serial Port (connection to Fluidra Connect pool automation, optional)
3. Input Temperature Probe (PT100 sensor not included)
4. Output Relay Auxiliary Pump (Dry contact, Relay 250 Vac 10 A)
5. Output Relay Alarm remote (Dry contact, Relay 250 Vac 10 A)



## 4. TECHNICAL SPECIFICATIONS

Specifications	MyPool pH	MyPool ORP
Measure Range	0.0 ÷ 14.0 pH	-99 ÷ 999 mV
Set Point Range	6.8 ÷ 7.8 pH	300 ÷ 900 mV
Accuracy	± 0.04 pH	± 2 mV
Resolution	0.01 pH	1 mV
Power supply	230 VAC 50/60 Hz	
Insulation class	II	
Consumption	10 W	
Pump flow rate	1.6 l/h	
Max. back-pressure	1.5 bar	
Probe calibration	Automatic – Reference	
Pump state	Proportional dosing	
Peristaltic tube (ID x OD mm)	Norprene 4.8 x 8 mm	
Dimensions (H x W x D mm)	185 x 124 x 110 mm	
Weight	1.0 kg	

## 5. SETUP INSTRUCTIONS MYPPOOL SYSTEM



- 1) Button to increase the value
- 2) Button to decrease the value
- 3) Button Menu/Esc
- 4) Button Cal/OK
- 5) Button to set the setpoint
- 6) Digital display

### Set Point adjustment

Press the **set** button for 3 seconds, use **▲** and **▼** to set the desired value.

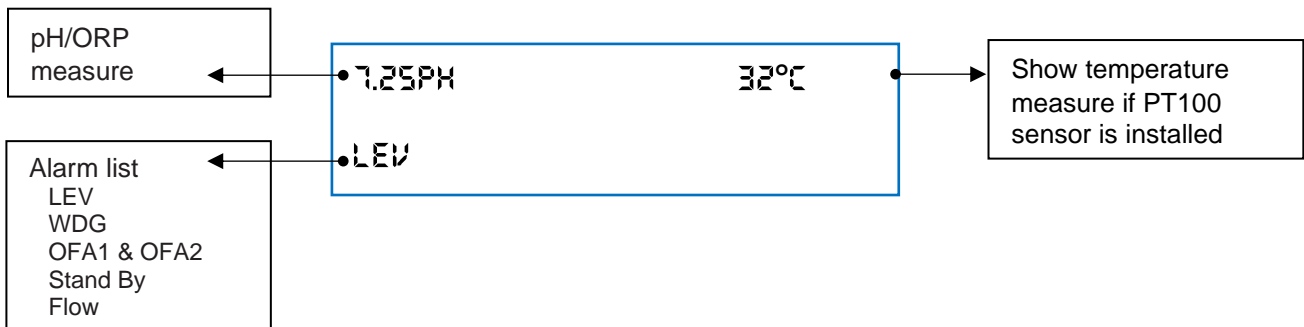
### Stand-by

Press **▲** and **▼** buttons simultaneously for 5 seconds to switch off the unit backlight. Dosage and calibration are disabled. To exit standby, press **▲** and **▼** buttons simultaneously.

### Priming

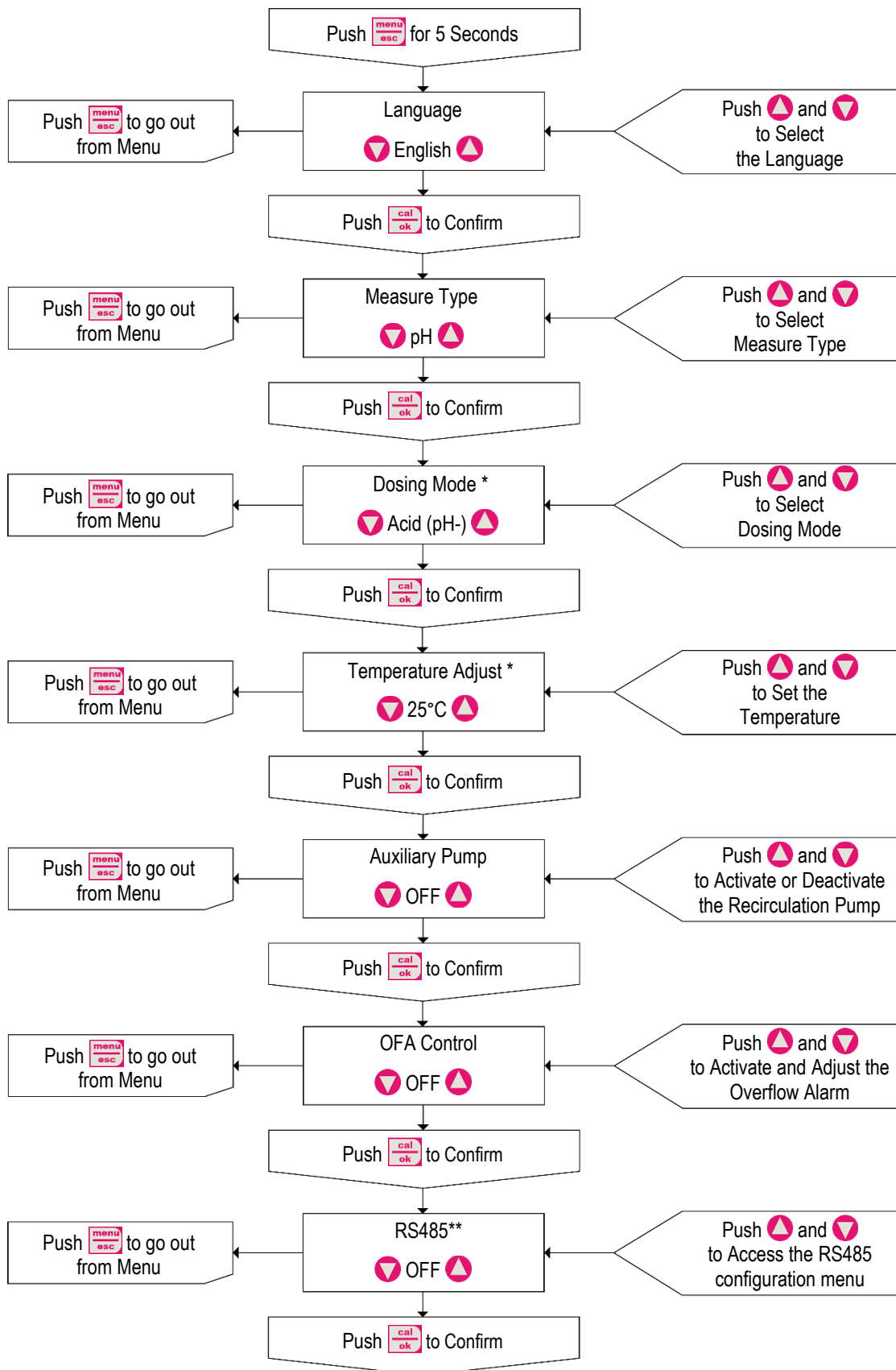
While the pump is in stand-by press down **menu/esc** and **cal/ok** in the same time.

### View Level



# MyPool | pH · ORP

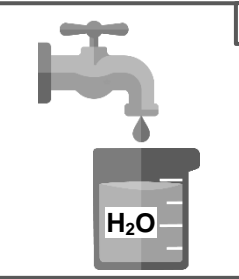
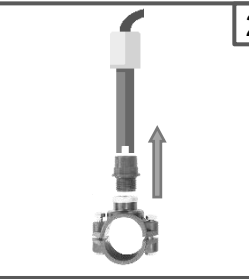
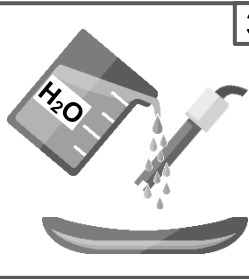
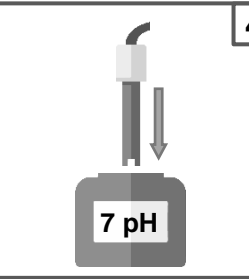
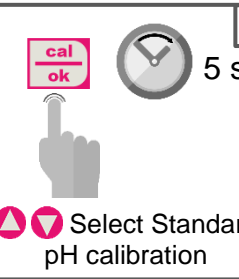
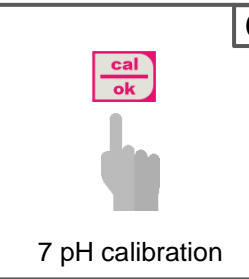
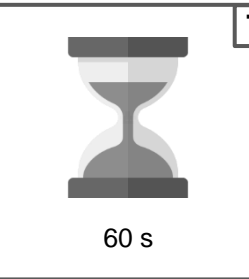

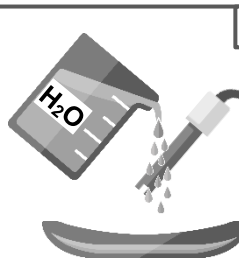
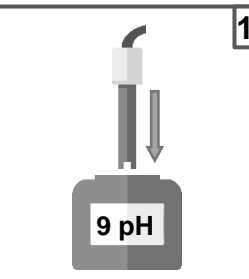
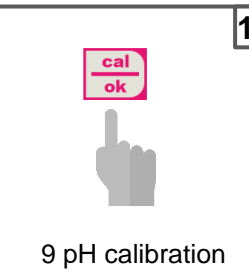
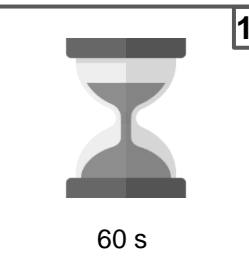

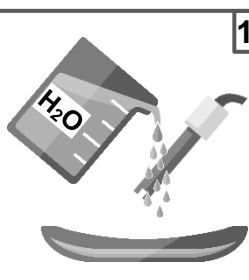
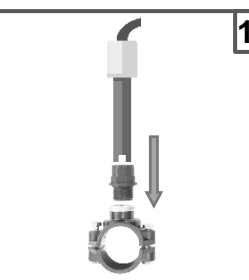

To set up the unit, follow the steps below:



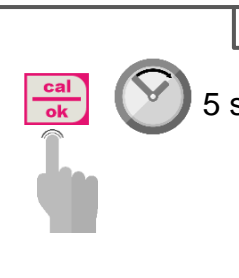
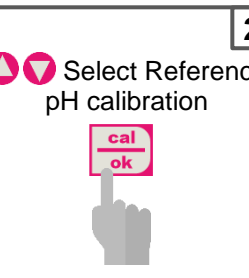
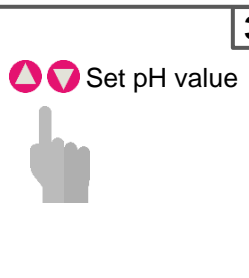
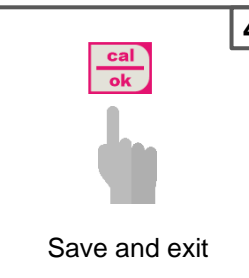
\* Only for pH model

\*\* Only for model with ModBus communication

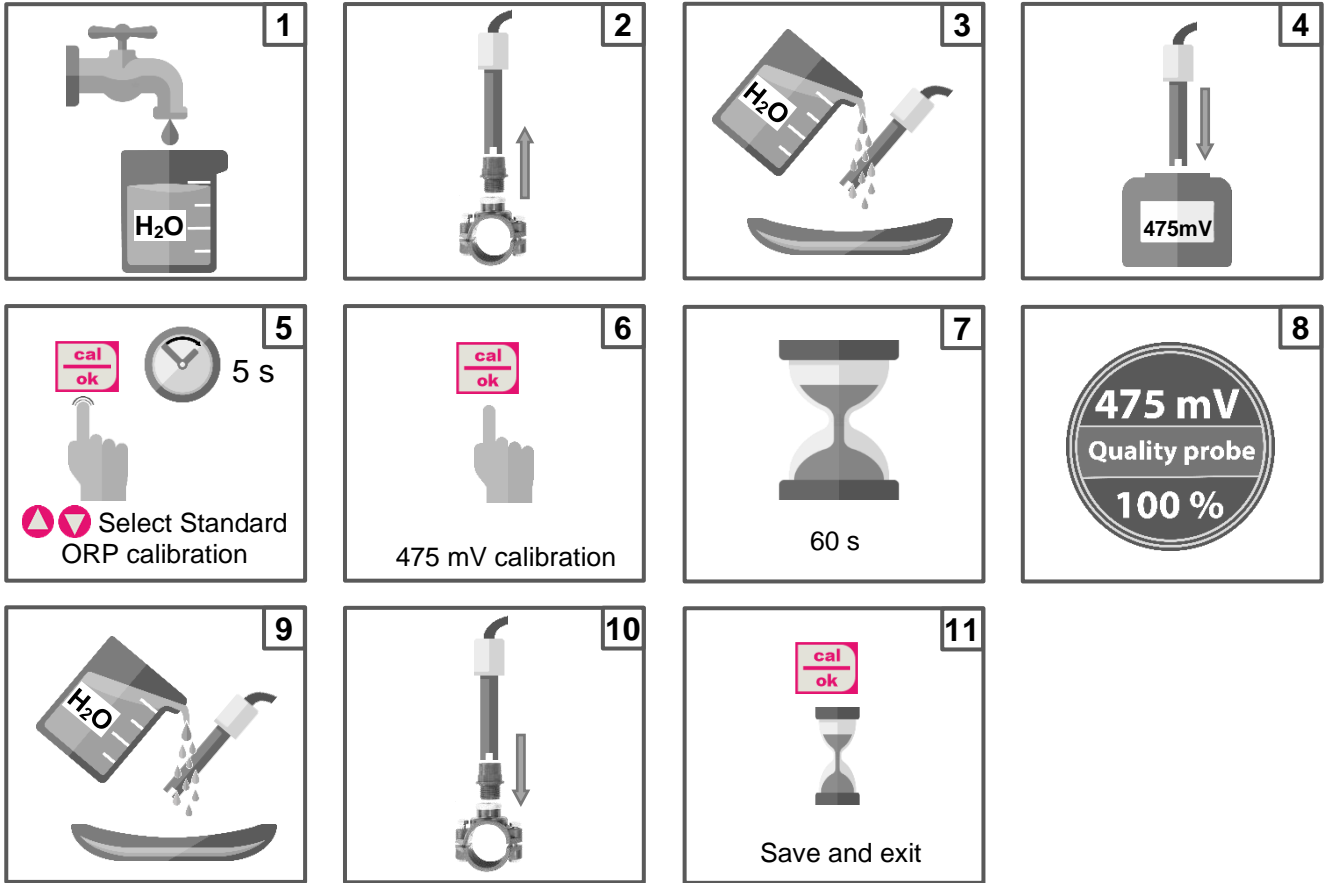
## 6. pH CALIBRATION WITH BUFFER SOLUTION

 <p>1</p>	 <p>2</p>	 <p>3</p>	 <p>4</p>
 <p>5</p> <p>5 s</p> <p>cal ok</p> <p>▲ ▼ Select Standard pH calibration</p>	 <p>6</p> <p>cal ok</p> <p>7 pH calibration</p>	 <p>7</p> <p>60 s</p>	 <p>8</p> <p>7 pH</p> <p>Quality probe</p> <p>100 %</p>
 <p>9</p>	 <p>10</p> <p>9 pH</p>	 <p>11</p> <p>cal ok</p> <p>9 pH calibration</p>	 <p>12</p> <p>60 s</p>
 <p>13</p> <p>9 pH</p> <p>Quality probe</p> <p>100 %</p>	 <p>14</p>	 <p>15</p>	 <p>16</p> <p>cal ok</p> <p>Save and exit</p>

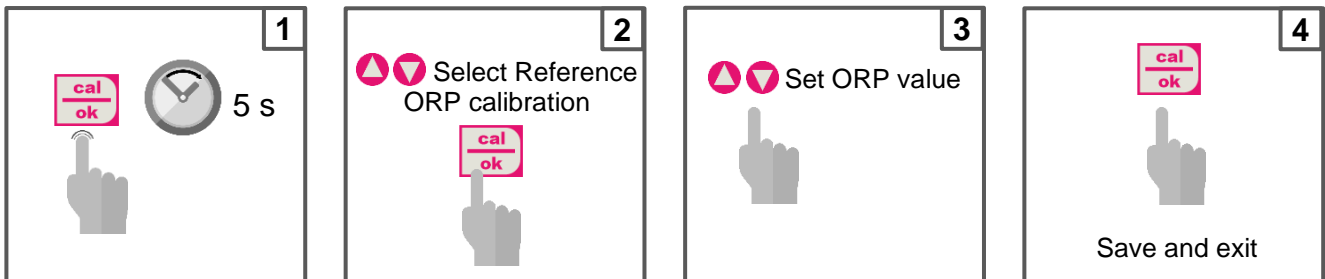
## pH CALIBRATION BY EXTERNAL REFERENCE VALUE

 <p>1</p> <p>5 s</p> <p>cal ok</p>	 <p>2</p> <p>▲ ▼ Select Reference pH calibration</p> <p>cal ok</p>	 <p>3</p> <p>▲ ▼ Set pH value</p>	 <p>4</p> <p>cal ok</p> <p>Save and exit</p>
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## 7. ORP CALIBRATION WITH BUFFER SOLUTION

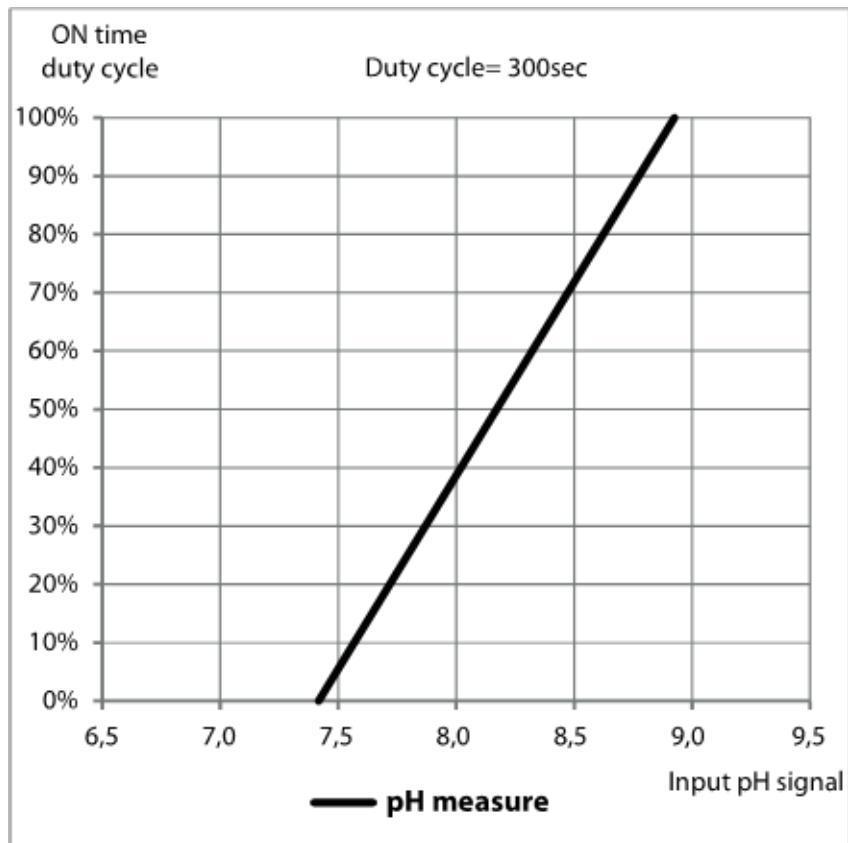


## ORP CALIBRATION BY EXTERNAL REFERENCE VALUE

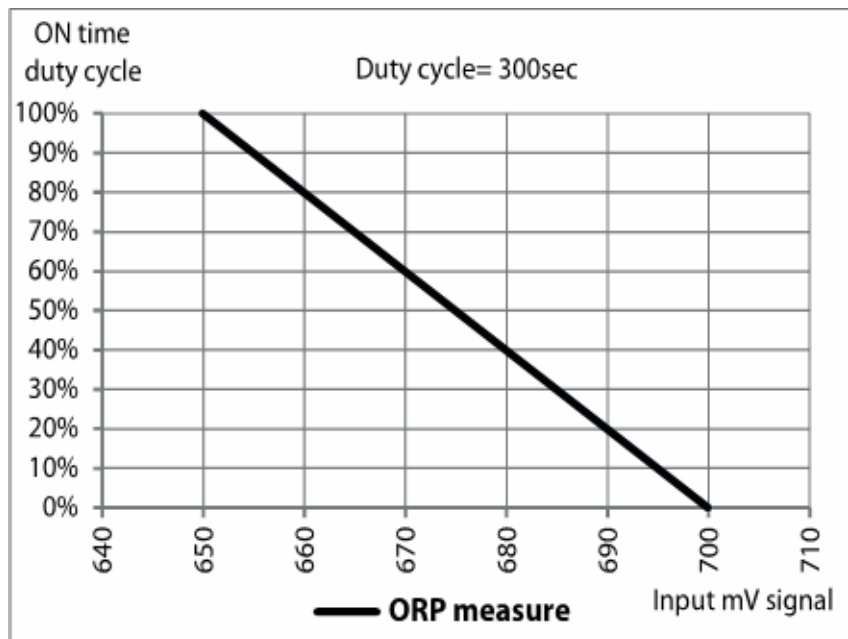


## 8. PROPORTIONAL DOSING

Setpoint= 7,4 pH  
Dosing mode= Acid






Setpoint= 700 mV









## 9. ALARMS

Alarm	Display MyPool pH	Display MyPool ORP	Actions to do
Level	TANK LEVEL LOW	TANK LEVEL LOW	- Restore Product tank
Measure out of range	MEASURE TOO LOW (<5 pH) MEASURE TOO HIGH (>9pH)	MEASURE TOO LOW (<100 mV)	- Replace or check the measure probe - Restore pH / ORP measure
OFA Alarm (time >OFA time)	OFA	OFA	- Push  to reset
Flow Rate	FILTRATION OFF	FILTRATION OFF	- Restore Flow Rate
Calibration Function	ERROR_____7_PH ERROR_____9_PH CALIBRAT_____PH7	ERROR_____700_MV	- Restore Probe or Buffer solution and repeat calibration procedure
System Error	PARAMETERS ERROR		- Press  to restore Default parameter - Broken Unit
Modbus Error	MODG		- Press  to reset - Restore communication

To restore the default parameters, follow the steps below:

- Power off the MyPool unit
- Keep  and  pressed and power on the unit
- The unit will flash INIT.DEFAULT\_\_NO
- Press  INIT.DEFAULT\_\_YES
- Press  to restore the default parameters.

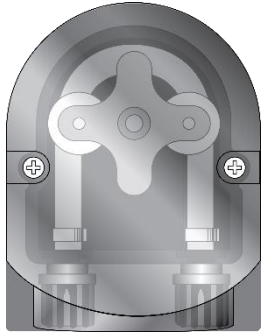
Default Parameters	MyPool pH	MyPool ORP
Language	ES	
Time OFA	OFF	
Flow Input	OFF	
Set Point value	7.4 pH	700 mV
Calibration	7 pH / 9 pH (2-point)	475 mV
Dosing Method	Acid	Low

RS485  
Baud Rate  
Parity  
ID Adress  
RS485

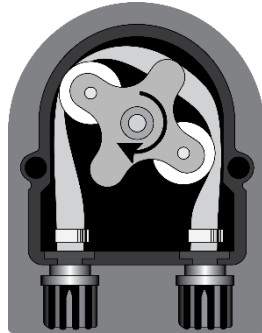
ON  
9600  
EVEN  
1  
OFF

## 10. HANDLING

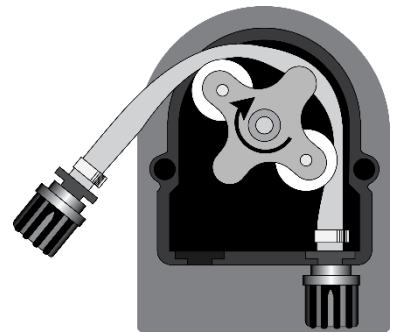
### Hose replacement:



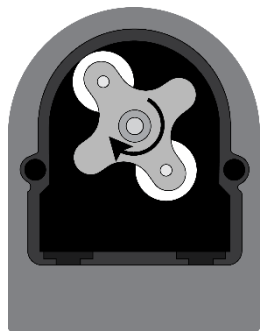
Open the pump's lid and release the hose by pulling the left connector upward.



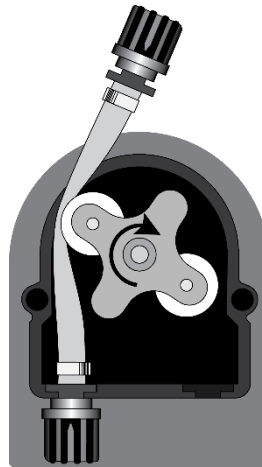
Position the roller at 7h05, turning it in the direction of the circular arrow.



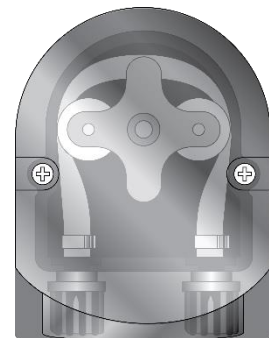
Completely release the left connector, holding it taut towards the outside, and turn the roller in the direction of the circular arrow so that the hose is freed up to the right connector.



Position the roller at 7h05, turning it in the direction of the circular arrow.



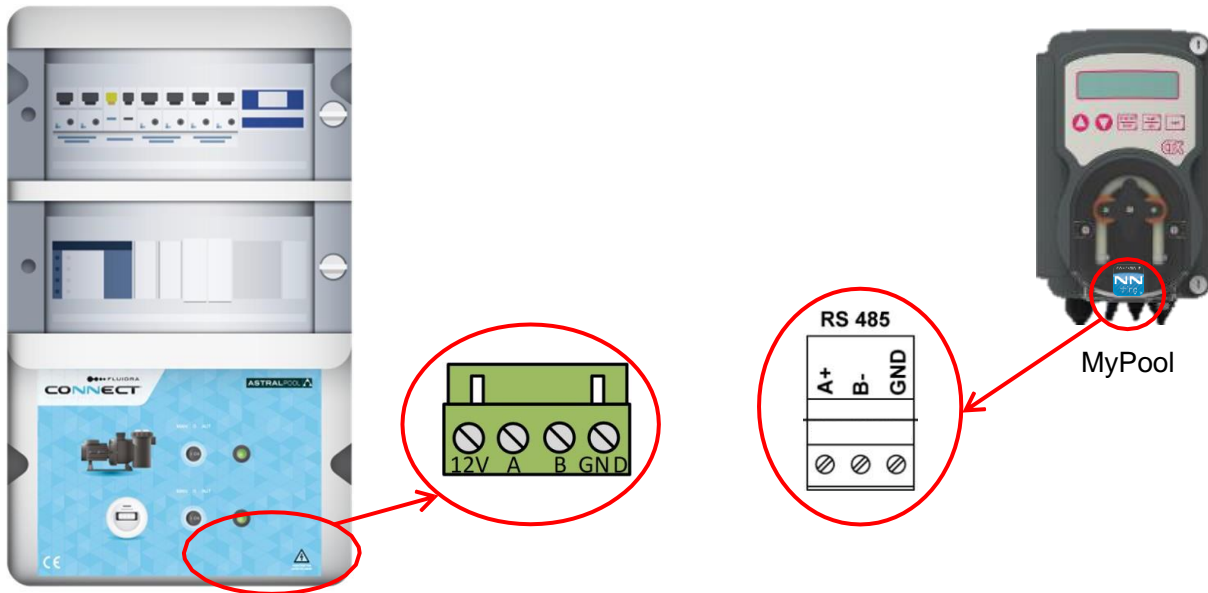
Insert the left connector into the relative housing and pass the hose under the roller's guide. Turn the roller in the direction of the circular arrow, simultaneously accompanying the hose into the pump's head, until the right connector is reached.



Close the pump's lid and press its surface hard so that it is properly locked into place.

## 11. CONNECTION TO FLUIDRA CONNECT:

### Option 1: Connection to Connect & Go control cabinet

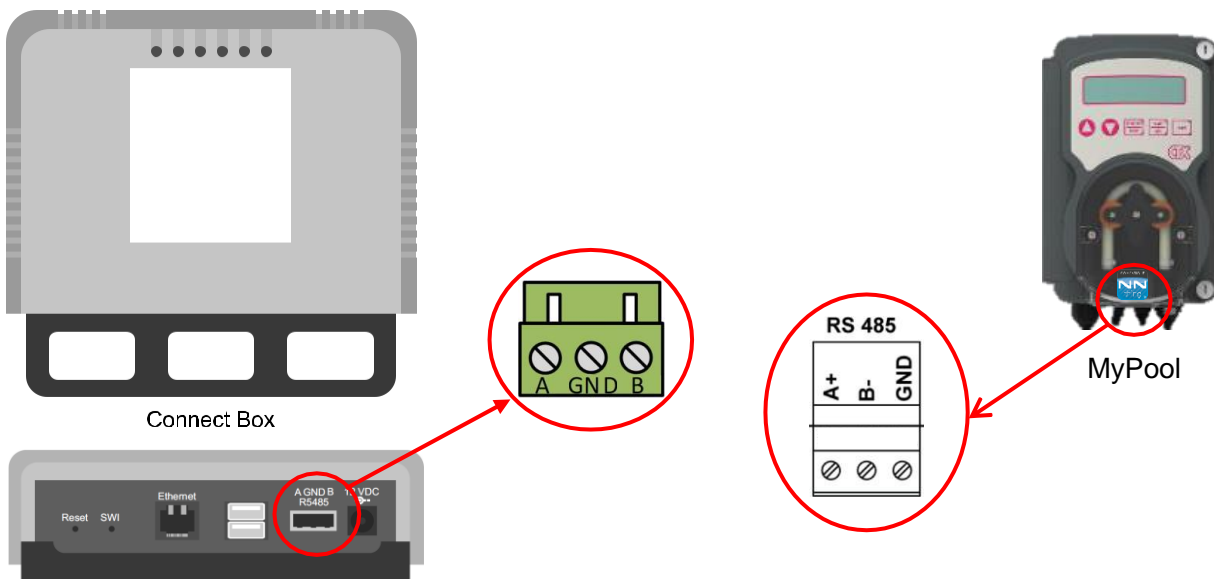


Connections:

Connect & Go	12V	A	B	GND
MyPool DOS	Not used	A+	B-	GND

3-wire general purpose modbus cable (not included)

### Option 2: Connection to Connect Box

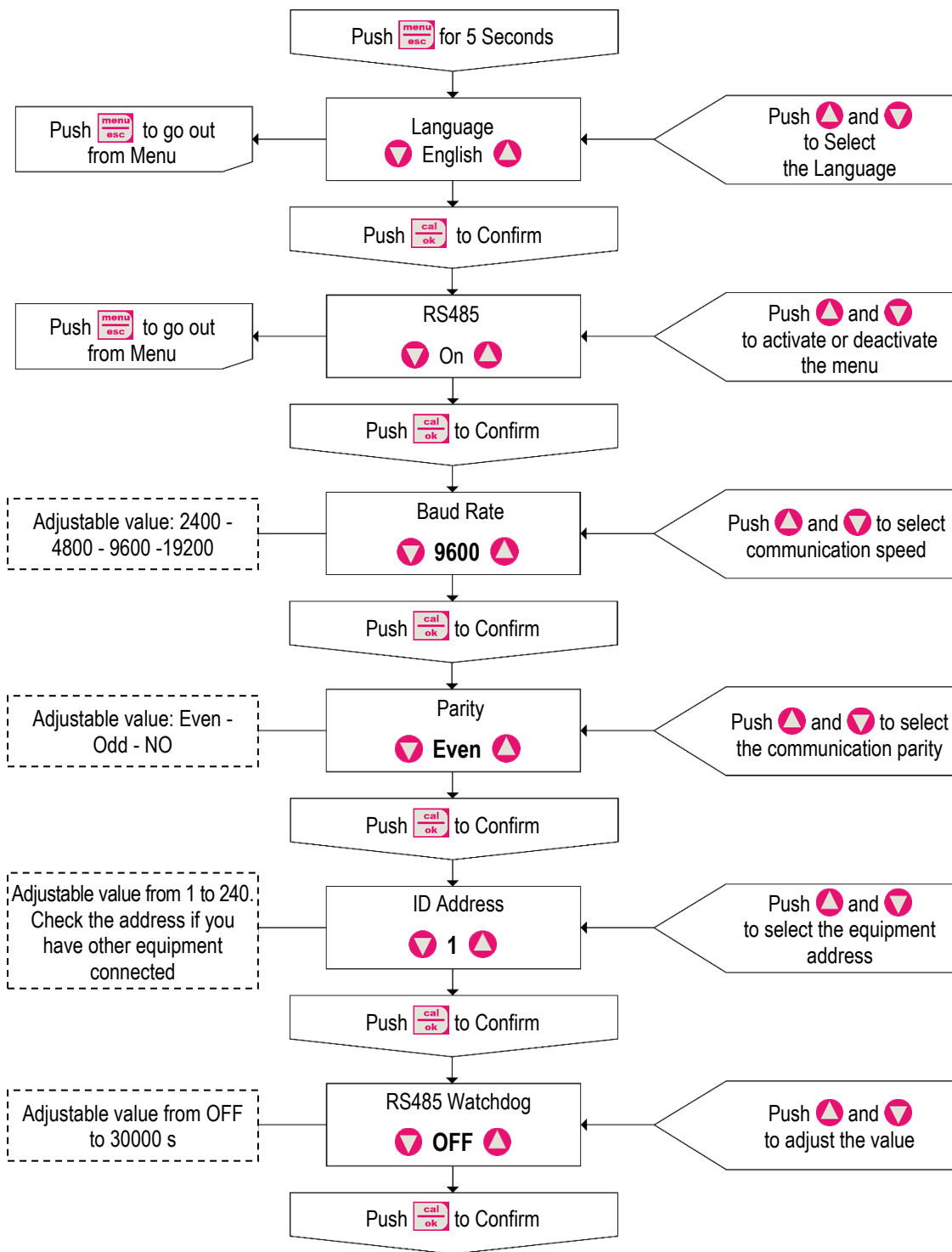


Connections:

Connect Box	A	B	GND
MyPool DOS	A+	B-	GND

3-wire general purpose modbus cable (not included)

## RS485 communications configuration \*



\* Default values are used to describe the configuration steps.