



A- POOL SYSTEM PH-RX

USE AND MAINTENANCE MANUAL



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1 General Comments

1.1 Warnings

The aim of the manual is to provide you with all the necessary information for a proper installation and maintenance in order to give you optimum results whilst in operation. For this reason it is really important reading with attention the instructions given below since they furnish all the indications necessary for the sureness of the installation, use and maintenance



- ◆ This manual has to be preserved with care to be consulted in whatever occasion.
- ◆ At the moment of the receipt you have to check the integrity of the panel and of all its components, in case of anomalies consult skilled staff before making interventions.
- ◆ Before the installation of the pump check that all the data on the pump's label correspond to those of the electrical plant.
- ◆ Do not operate with bare/naked hands or feet
- ◆ Do not leave the equipment exposed to the action of the atmospheric agents.
- ◆ Avoid splashing water
- ◆ The equipment has to be operated from skilled person.
- ◆ In case of improper functioning of the panel switch off and contact our technical assistance for any necessary repairs.
- ◆ For a correct functioning it is necessary to use original spare parts and original accessories. The producer declines whatever responsibility in reference with break down due to tampering or the use of not original spare parts and accessories.
- ◆ The electrical plant has to be in conformity with the rules of the country where it is realised.
- ◆ The room temperature of utilisation can't over take 45° C

1.2 Design standard

Our products are built according to the actual general directives endowed with CE mark in conformity with the following European directives:

n° 2014/30/CE “ E.M.C.

n° 2014/35/CE “DBT Low Voltage Directive”

n° 2011/65/UE , 2012/19/UE “direttive RoHs e WEEE”

Granted this we think that in order to obtain an high trustworthiness and a lasting functioning of the pump it is necessary to follow with attention our manual particularly in reference with the maintenance.

The Producer declines all responsibility in reference with whatever intervention on the equipment from not skilled personnel.

2.0 Technical Characteristics

2.1 General rules

Install the panel:

- ♦ In vertical position $\pm 15^\circ$.
- ♦ far from an hot source in dry places at maximum temperature of 45°C and minimum 0°C .
- ♦ In a ventilated place and easily accessible by an operator for periodical maintenance.
- ♦ At a suitable height above the chemical up to a maximum height of 1.5 meters. If for exigency of the plant it's necessary to install the pump under the level of the chemical, you need to use an injection valve or an anti siphon valve.
- ♦ Do not install the pump over the tank in presence of liquids that emanate fumes unless it is hermetically closed.



2.2 Electrical characteristics

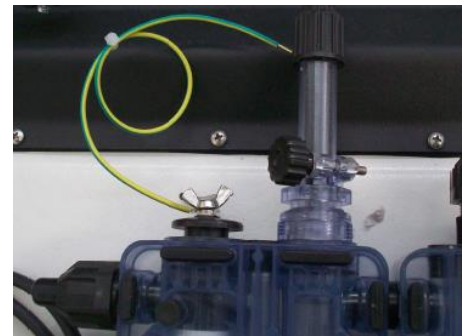
Power supply: 230 VAC 50/60 HZ

2.3 Electric connection

CAUTION !!!!!

Verify that the earth system is perfectly functional and complies with the applicable regulations. Make sure that the highly sensitive differential switch is present (0.03 A). Verify that the rated values of the pump are compatible with those of the mains. Never install the pump directly in parallel with inductive loads (e.g. motors/solenoid valves) if necessary, use an isolating relay.

There are 2 protection devices inside the pump: a varistor and a fuse.



(Fig.A)

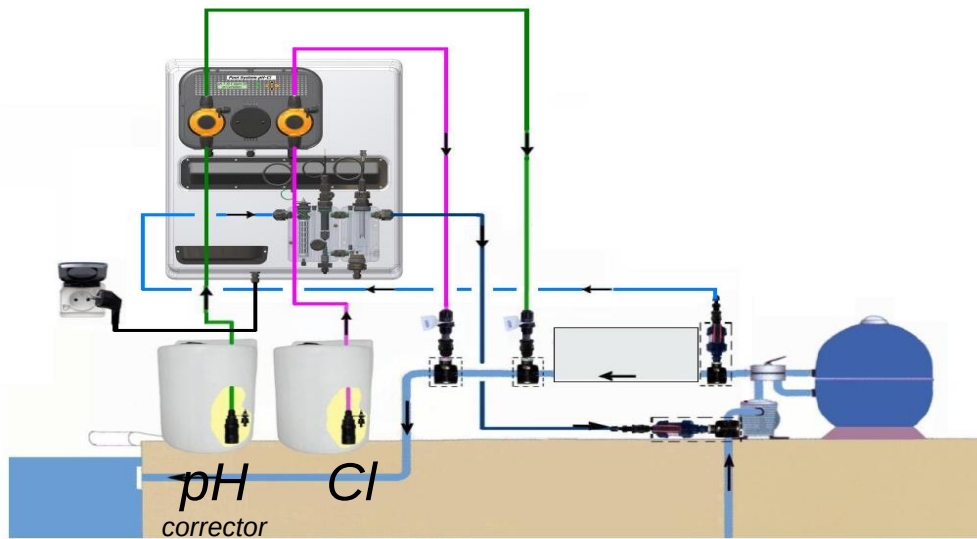
The modular probe holder grounding must not be connected to the ground cable of the panel but to an external ground node (fig. A)

2.4 Standard Kit

- 1 A POOL SYSTEM
- 2 Buffer Solutions
- 3 Injection pipe
- 4 Discharge pipe
- 5 Suction pipe
- 6 pH and Rx Probe
- 9 Injection fitting x2
- 10 Foot filter x 2
- 11 Fitting MG $\frac{1}{2}$ " x 2



2.5 Hydraulic Connection

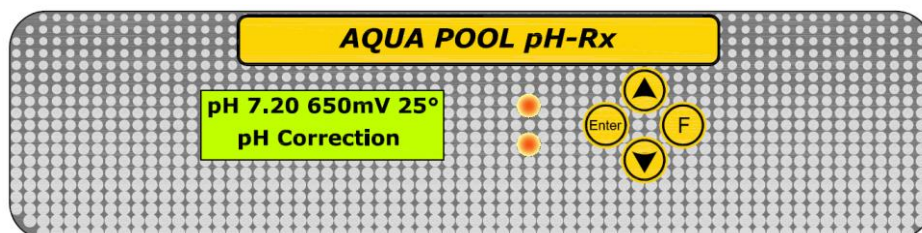


Information concerning tubes



The suction tube must be as short as possible (1.5 m Max) and installed vertically to keep air bubbles from being suctioned!
The delivery tube must be fixed in such a way that it does not move unexpectedly thus causing it to break or damage objects nearby!
Use only tubes compatible with the chemical product to be dosed!
Consult the compatibility table. If the product is missing from the table, consult the supplier!

3.0 Pool System Programming

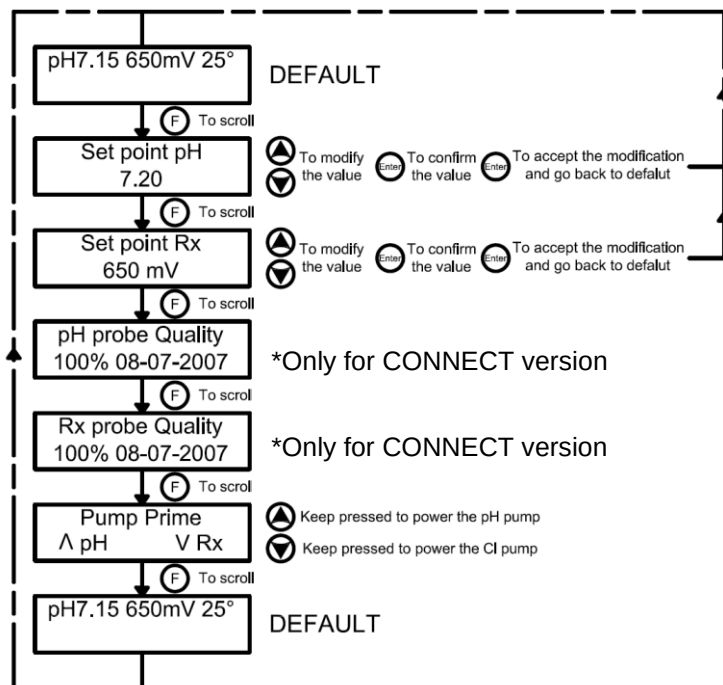


The Pool System programming is divided into 2 menu: User Menu and Installation Menu
Press F to scroll User menu
Press Up-Down to change values
Press Enter to confirm setting values
Keep Pressed Enter to enter the Installation menu (password will be required)

3.1 User menu

User Menu is suitable for daily adjustment of Pool System settings.
It allows to:

- ◆ Adjust pH set point (always inside the Proportional limit L1 see below Installation menu)
- ◆ Adjust Rx set point (always inside the Proportional limit L1 see below Installation menu)
- ◆ Display the quality of the pH and Rx probes measured with the last calibration (Only for CONNECT version)
- ◆ Make pumps priming (pressing Up and Down Button the pumps will work at 100%)

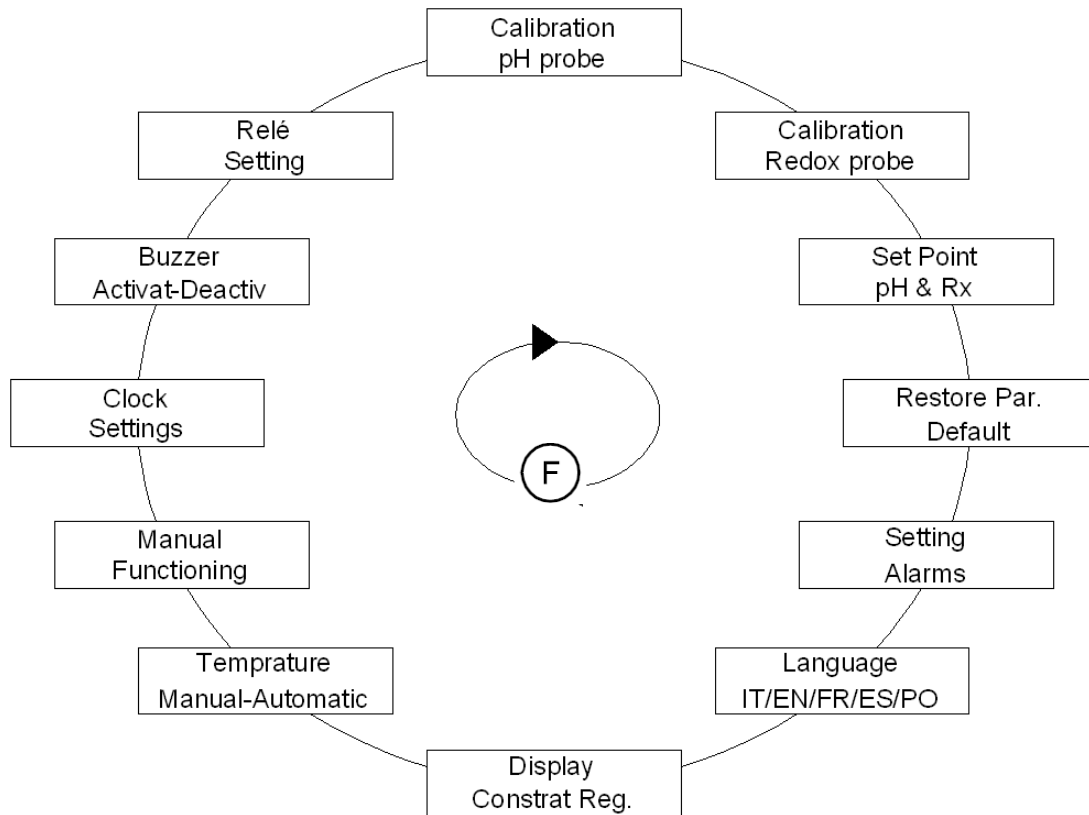


3.2 Installation Menu

Installation menu allows to set all the paramters of your Pool Systems.

To enter Installation menu keep pressed enter button for more than 3 seconds (password will be required, default password is ▲▲▼▼Enter)

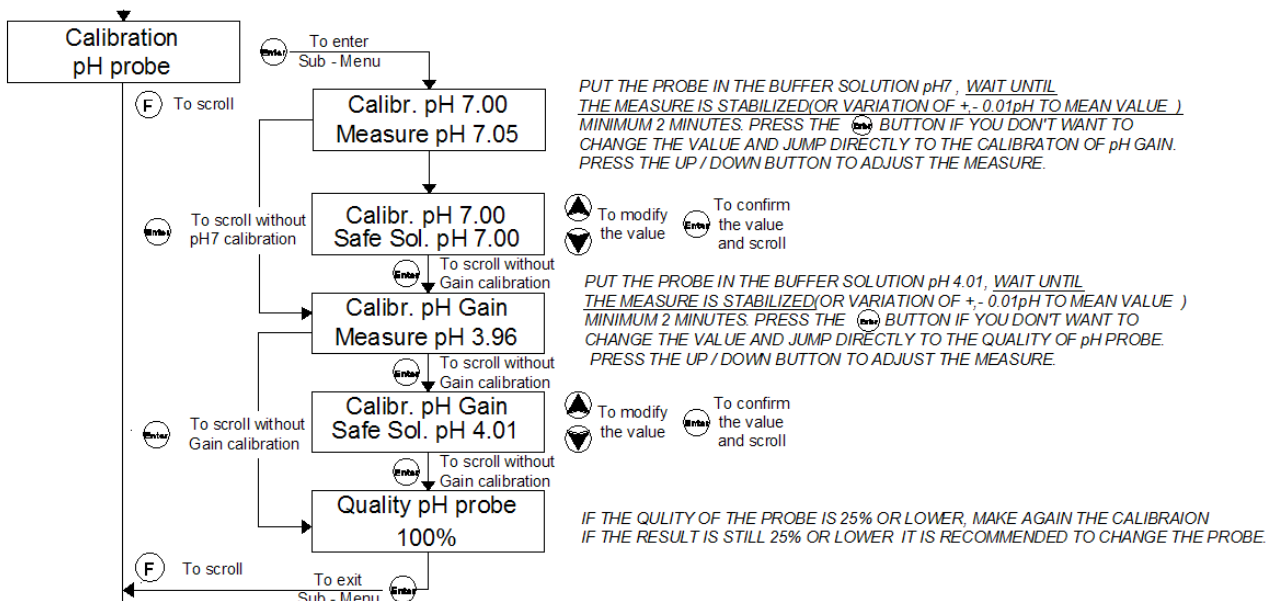
The menu is divided into sub menu:



You can scroll the menu with F button, if you want to enter the sub-menu you must press Enter.

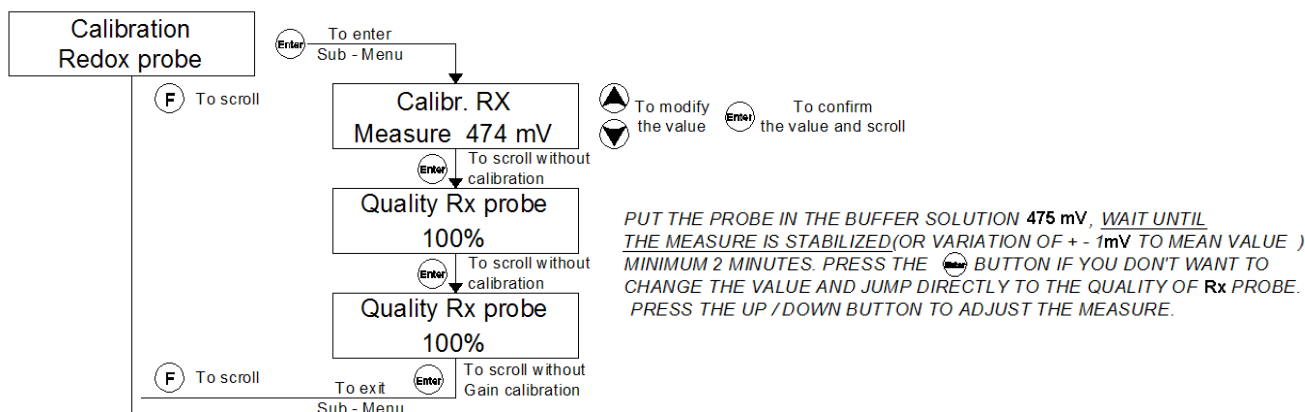
To escape the Installation menu and save all changes made, just keep pressed Enter button for more than 3 seconds.

3.2.1 Calibration of pH probe



If the Quality of the probe is 25% or lower, make again the calibration. If the result is still 25% or lower it is recommended to change the probe.

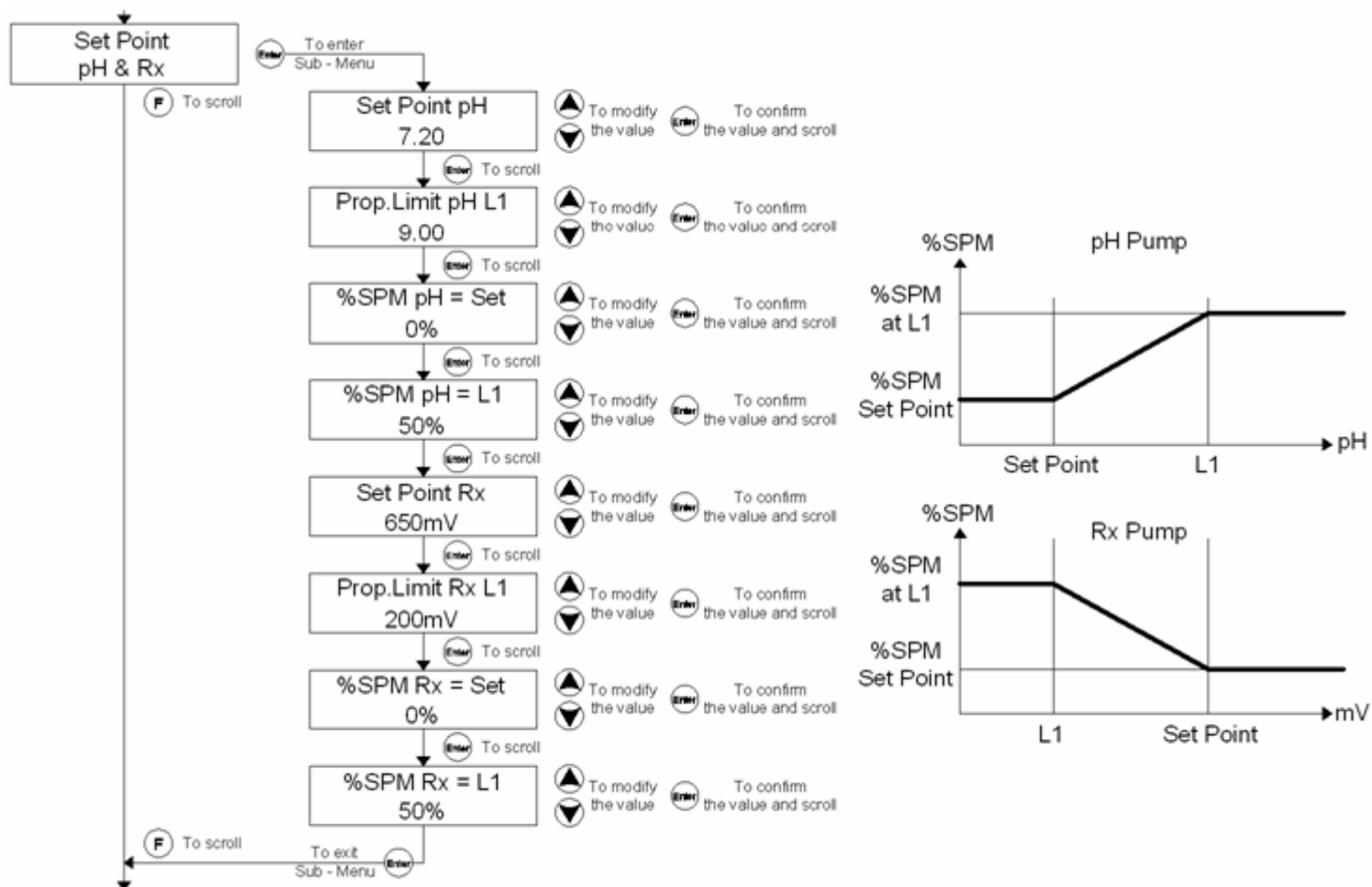
3.2.2 Calibration of Rx



If the Quality of the probe is 25% or lower, make again the calibration. If the result is still 25% or lower it is recommended to change the probe.

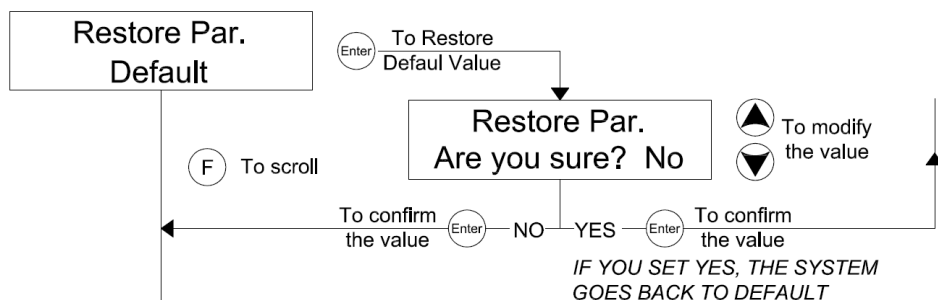
3.2.3 Set Point pH and Rx

With this sub-menu you can adjust the set point and the Limit of Proportionality (L1) of Pool System dosing pumps.



The % of SPM (Stroke Per Minute) at L1 must be always higher than the % of SPM (Stroke Per Minute) at Set point.

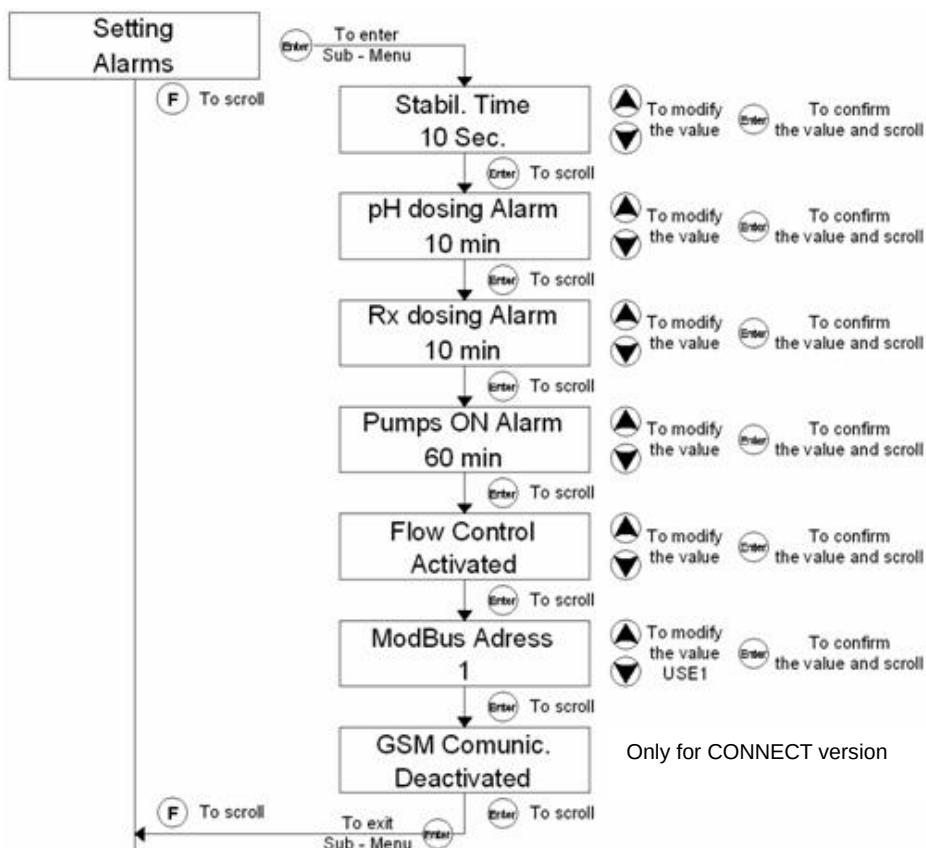
3.2.4 Restore Parameters to Default values



3.2.5 Settings Alarm

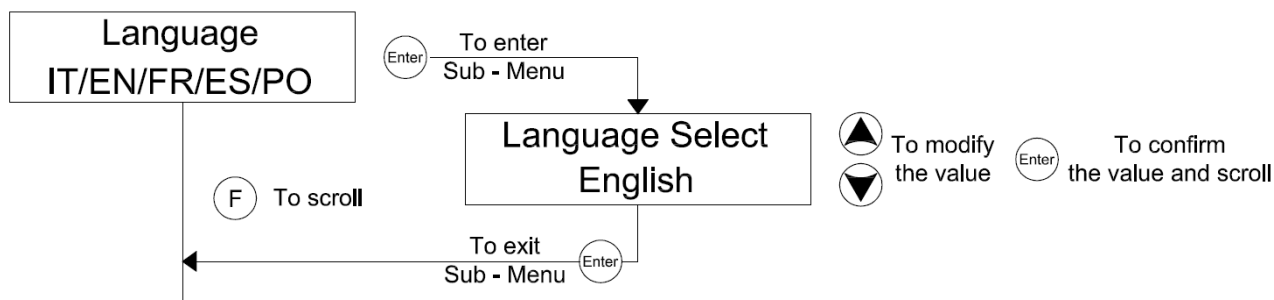
With this sub-menu it is possible to set some protections for your Pool such as:

- ◆ Stabilization time (1sec – 60 min): when the system is switched on, it waits Stabilization time before starting to dose (the probe readings need few minutes to be stabilized)
- ◆ pH dosing alarm (5min – 60 min / OFF) if the pH pump doses its product and there is no variation of pH (0.05 pH) during the set time, the system gives alarm and stop to dose. The alarm is automatically disables near the set point (when the difference between the measurement of pH and the set - point is less than 0.2 pH but only if the pump is not dosing at maximum speed)
- ◆ Rx dosing alarm (5min – 60 min / OFF) if the Rx pump doses its product and there is no variation of Rx (5 mV) during the set time, the system gives alarm and stop to dose. The alarm is automatically disables near the set point (when the difference between the measurement of Rx and the set - point is less than 20 mV but only if the pump is not dosing at maximum speed)
- ◆ Pumps ON Alarm (5min – 60 min / OFF): if both the pumps doses for a period longer than the set time the system gives alarm and stop to dose
- ◆ Flow Control: the panel can be equipped with a flow-sensor, that detect the flow inside the probe holder, if the flow is over the system gives alarm and stop to dose.

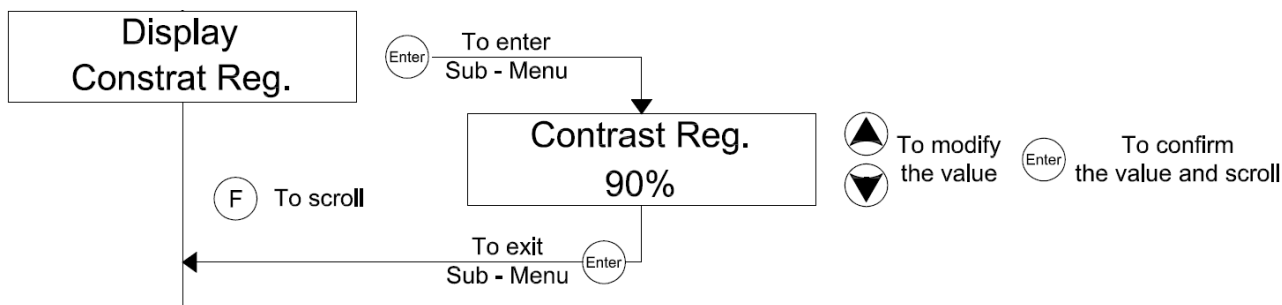


Only for CONNECT version

3.2.6 Language (EN-FR-SP-IT-PT)



3.2.7 Display contrast regulation

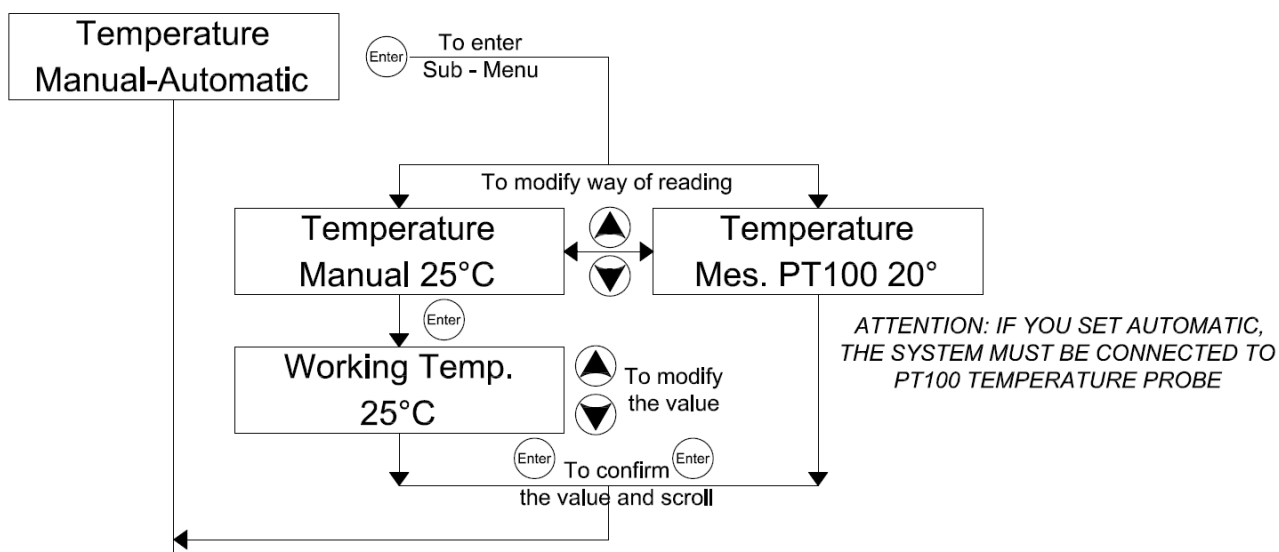


3.2.8 Temperature measurement Automatic or Manual

With this sub-menu it is possible to choose the way to adjust temperature compensation of reading.

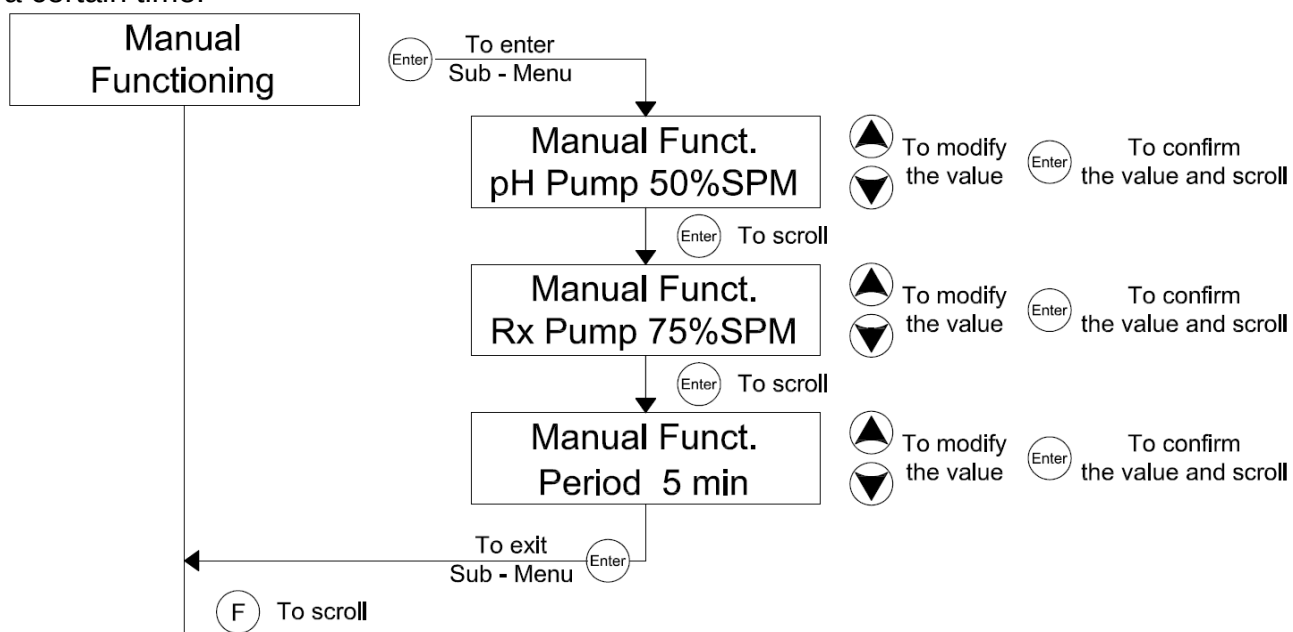
Please note that *Working temperature* is the temperature of the water passing through the probe holder

- ♦ Automatic: needs a PT100 temperature probe that must be connected to Pool System. If it has been selected Automatic, the system will display the absence of probe with a N.C. message (and consider 25°) instead of temperature reading.
- ♦ Manual: the temperature of the water passing through the probe holder can be adjusted manually setting its value as shown below.



3.2.9 Manual Functioning

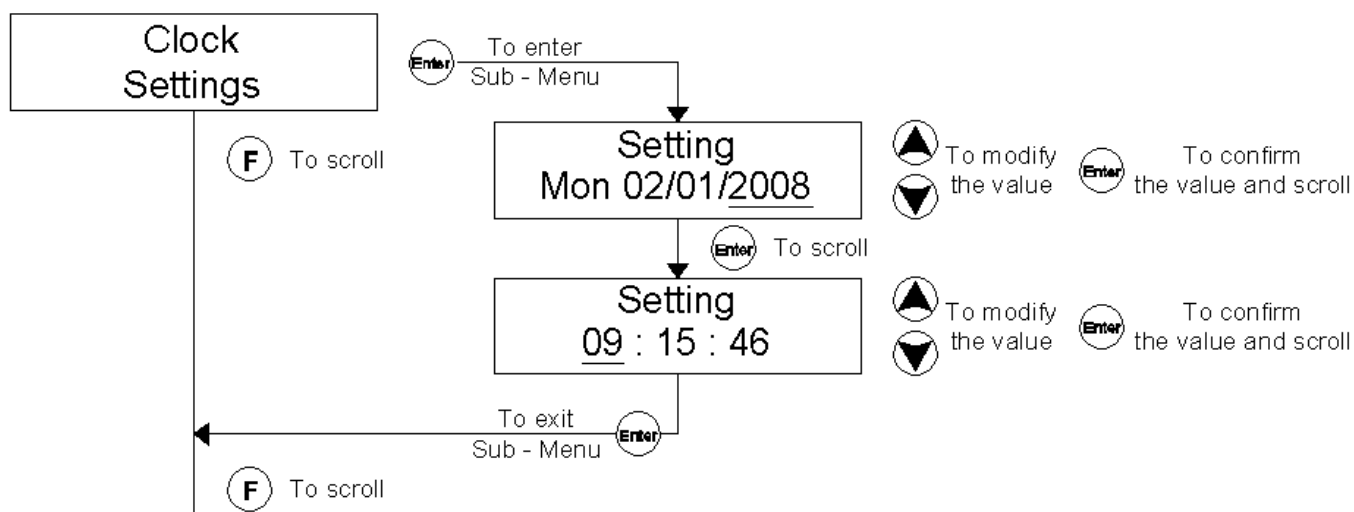
With this sub-menu the Pool System can be programmed to dose without external signal for a certain time.



When the period of Manual Functioning is over the system goes back to reading/working mode.

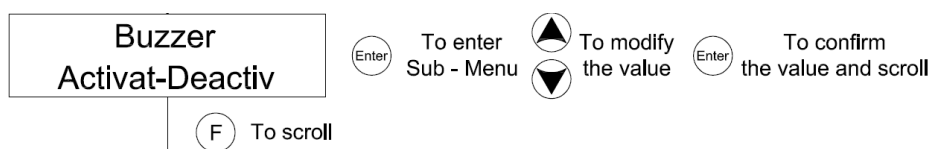
3.2.10 Clock Settings

(This function is available only on CONNECT model)



3.2.11 Buzzer setting

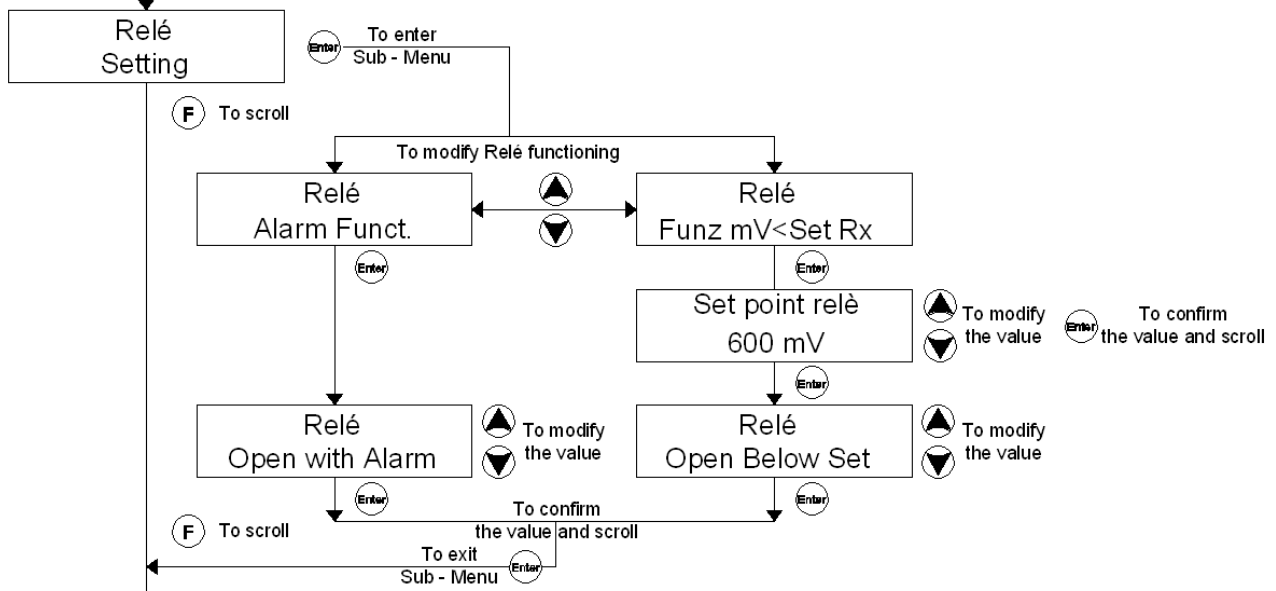
The Pool System is equipped with a Buzzer that can underline each condition of alarm



3.2.12 Relé settings

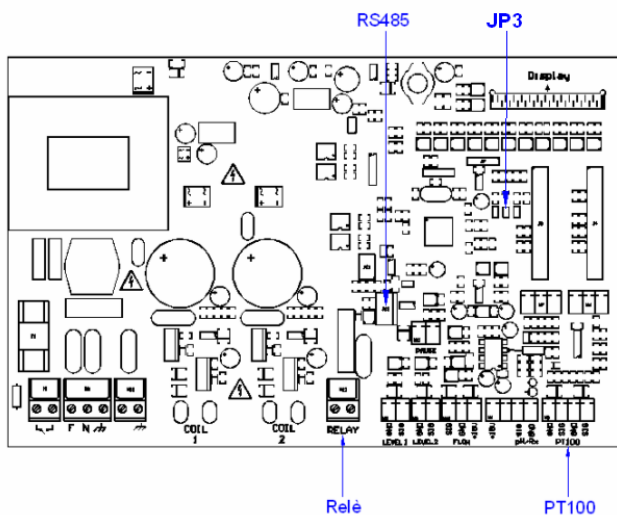
The Pool system is equipped with an additional free - voltage relé output that can be used as follow:

- ◆ Alarm Repetition (it can be set Open or Closed with alarm)
- ◆ Output for Salt Chlorinator or additional chlorine pump (Up to 5A 230V 50Hz) in this case the relé is driven by an additional set point. (It can be Open or Closed Below mV set point).

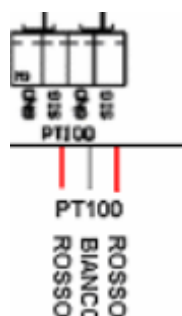
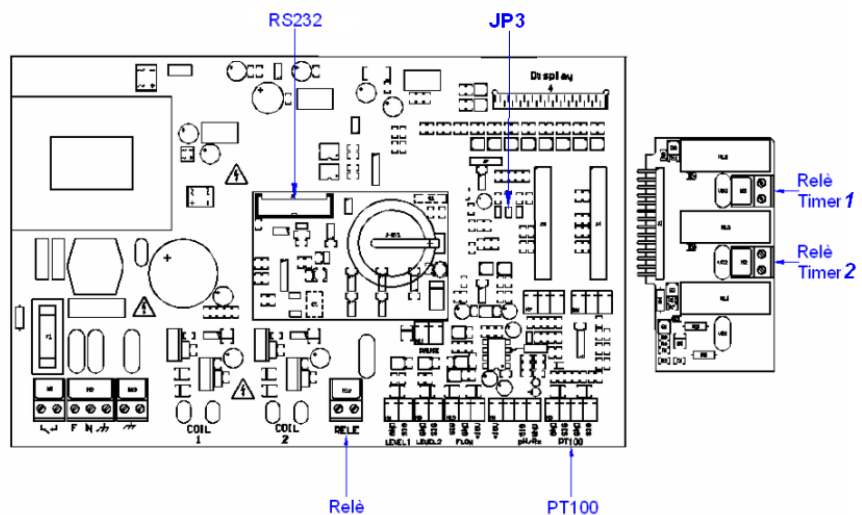


3.2.13 Circuit Layout

POOL SYSTEM



POOL SYSTEM CONNECT



3.2.14 Alarms

The sistem is equipped with the following alarm:

- ◆ **Low level alarm**, with 5 seconds of Hysteresys. Low level alarm pH stops the dosing of pH pump only (the same for Rx).
- ◆ **Flow alarm**, with 5 seconds of Hysteresys. Flow alarm stops the dosing of both the pumps (with Flow alarm on the Relè is always open).
- ◆ **Dosing alarm** (see also 3.2.5). Dosing of product without effect (without variation of pH&Rx readings). Dosing alarms can be removed only with system restart (use ON/OFF switch)
- ◆ **Measure alarm**: the system is equipped with an adding alarm of pH reading, if the reading of pH is lower than 5 or higher than 9 (WARNING), the system stops the pumps. If the reading of pH is lower than 5 or higher than 9 it is recommended to check the probe and the water.

4.0 How to configure the A-Pool System GSM Modem

(Only for CONNECT version)

Here is described the simple procedure to install the connecting device of Your A-Pool System.

ADGSM modem and the one already assembled on the panel are supplied without SIM card, to allow the communication it must be purchased for each modem a **SIM CARD with predisposition to DATA trasmission (special DATA number, not Voice or FAX one)**.

It can be used both contract and rechargable pre-paid cards, anyway it is necessary that the card is enabled for DATA Trasmission (to be required at first purchase to the supplier of SIM Card).

If a rechargable pre-paid cards is used it is recommended to charge a minimum fee (the cost of each connection depends by the condition of SIM supplier, but is similar to a standard mobile communication)

During SIM Card installation is recommended to keep the pump on the panel switched off.

Once you got the SIM card with Data trasmission abilitation proceed as follow:

- ◆ Remove PIN code request using a mobile phone (if necessary follow the procedure described on the mobile phone instruction manual)
- ◆ Insert the SIM card in the Modem Slot
- ◆ Connect the antenna and the RS232 cable to the modem (if not yet connected)
- ◆ Power on the Modem
- ◆ Once powered the Modem searches for GSM signal, during search the led on the modem flashes once per seconds (fast flashing)
- ◆ A soon as the Modem receives GSM signal the led stars to flash slowly (1 flash every 4 seconds), now the Modem is ready for connection. If the slow flashing does not appear, please verify the GSM signal near the panel (upon request it can be supplied antenna extensions)
- ◆ Once the Modem receives the signal, the pump on the panel can be switched on.

5.0 Electrode winter break



It's better to work the pump with tap water to clean the pipe and avoid chemical attack during rest.

Remove the electrodes during winter break. Fill in the protection cap with 1/3 of water and put it on the electrodes.

6.0 Coming season start-up procedures

- It's recommended to install a new electrode when season begin, in order to prevent failure during season.
- After the electrode replacement or start up of the apparatus, repeat the calibration procedure.

7.0 Returned goods procedure

The product must be sent back to the Manufacturer packed into it's own packaging, with all original protections, within the guarantee period.

The dosing pump must be properly washed with water in order to remove the chemical residuals from internal parts.

The electrode must be packed into it's own original box and provided by the protection cap duly filled in water.

If the above mentioned conditions will not be respected , the Manufacturer disclaim all responsibility for eventual damages occurred during transport.

8.0 Guarantee certificate

the Manufacturer guarantee the products from the shipment date to the first Customer.

During this period the Manufacturer will supply for free those components that, upon verification by the Manufacturer or an Authorized distributor, might reveal defective; from this guarantee are excluded all components subject to normal wear and tear, such as valves, gaskets, fittings, ring nuts, tubes, filters, valve injection, probes, electrodes and components in glass.

the Manufacturer reserve the right to repair or to replace the defective product.

the Manufacturer will not be responsible for any other claim by the customer for any direct or indirect damages caused by the use or by the impossibility to use, totally or partially, the product.

The reparation or replacement do not extend or renew the warranty period.

All expenses related to assembling and disassembling of the apparatus, transport, and used materials (filters, valves, etc.), remain at customer' cost.

The reparation or replacement warranty right decade in following cases:



- ♦ The pump have not been used according to the instructions specified by the Manufacturer.
- ♦ The pump have been repaired, disassembled or modified by entity NON authorized by the Manufacturer.
- ♦ Non original spare parts have been used.

- ◆ The injection line have been damaged by using incompatible products.
- ◆ The electrical circuit board have been damaged by any external factor, i.e.: high-tension.

9.0 CHEMICAL COMPATIBILITY TABLE



Dosing pumps are widely used for dosing chemical products. It is important to select the most suitable material for the liquid to be dosed. The CHEMICAL COMPATIBILITY TABLE is a precious aid to that end.

The following Table must be used as an indicative instrument. Modifications in the transported fluid composition or particular service conditions can reduce the resistance of the materials.

Product	Formula	Ceram.	PVDF	PP	PVC	Hastel.	PTFE	FPM (Viton)	EPDM (Dutral)	NBR	PE
Acetic Acid, Max 75%	CH ₃ COOH	2	1	1	1	1	1	3	1	3	1
Concentrated hydrochloric acid	HCl	1	1	1	1	1	1	1	3	3	1
Hydrofluoric acid 40%	H ₂ F ₂	3	1	1	2	2	1	1	3	3	1
Phosphoric acid, 50%	H ₃ PO ₄	1	1	1	1	1	1	1	1	3	1
Nitric acid, 65%	HNO ₃	1	1	2	3	1	1	1	3	3	2
Sulphuric acid 85%	H ₂ SO ₄	1	1	1	1	1	1	1	3	3	1
Sulphuric acid 98.5%	H ₂ SO ₄	1	1	3	3	1	1	1	3	3	3
Amines	R-NH ₂	1	2	1	3	1	1	3	2	3	1
Sodium bisulphite	NaHSO ₃	1	1	1	1	1	1	1	1	1	1
Sodium carbonate (Soda)	Na ₂ CO ₃	2	1	1	1	1	1	2	1	1	1
Iron chloride	FeCl ₃	1	1	1	1	1	1	1	1	1	1
Calcium hydroxide	Ca(OH) ₂	1	1	1	1	1	1	1	1	1	1
Sodium hydroxide (Caustic soda)	NaOH	2	1	1	1	1	1	2	1	2	1
Calcium hypochlorite	Ca(OH) ₂	1	1	1	1	1	1	1	1	3	1
Sodium hypochlorite, 12.5%	NaOCl + NaCl	1	1	2	1	1	1	1	1	2	2
Potassium permanganate 10%	KMnO ₄	1	1	1	1	1	1	1	1	3	1
Hydrogen peroxide, 30%	H ₂ O ₂	1	1	1	1	1	1	1	2	3	1
Aluminium sulphate	Al ₂ (SO ₄) ₃	1	1	1	1	1	1	1	1	1	1
Copper sulphate	CuSO ₄	1	1	1	1	1	1	1	1	1	1

Component with *excellent* resistance -1-

Component with *fair* resistance -2-

Non-resistant component -3-

Construction materials of pump and accessories

Polyvinylidene fluoride (PVDF)	Pump body, valves, fittings, tubes
Polypropylene (PP)	Pump body, valves, fittings
PVC	Pump body

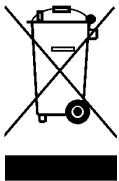
Disclaimer



The information included in these tables has been obtained from highly qualified sources which we deem reliable and they are provided without any guarantee, explicit or implicit, concerning their exactness.

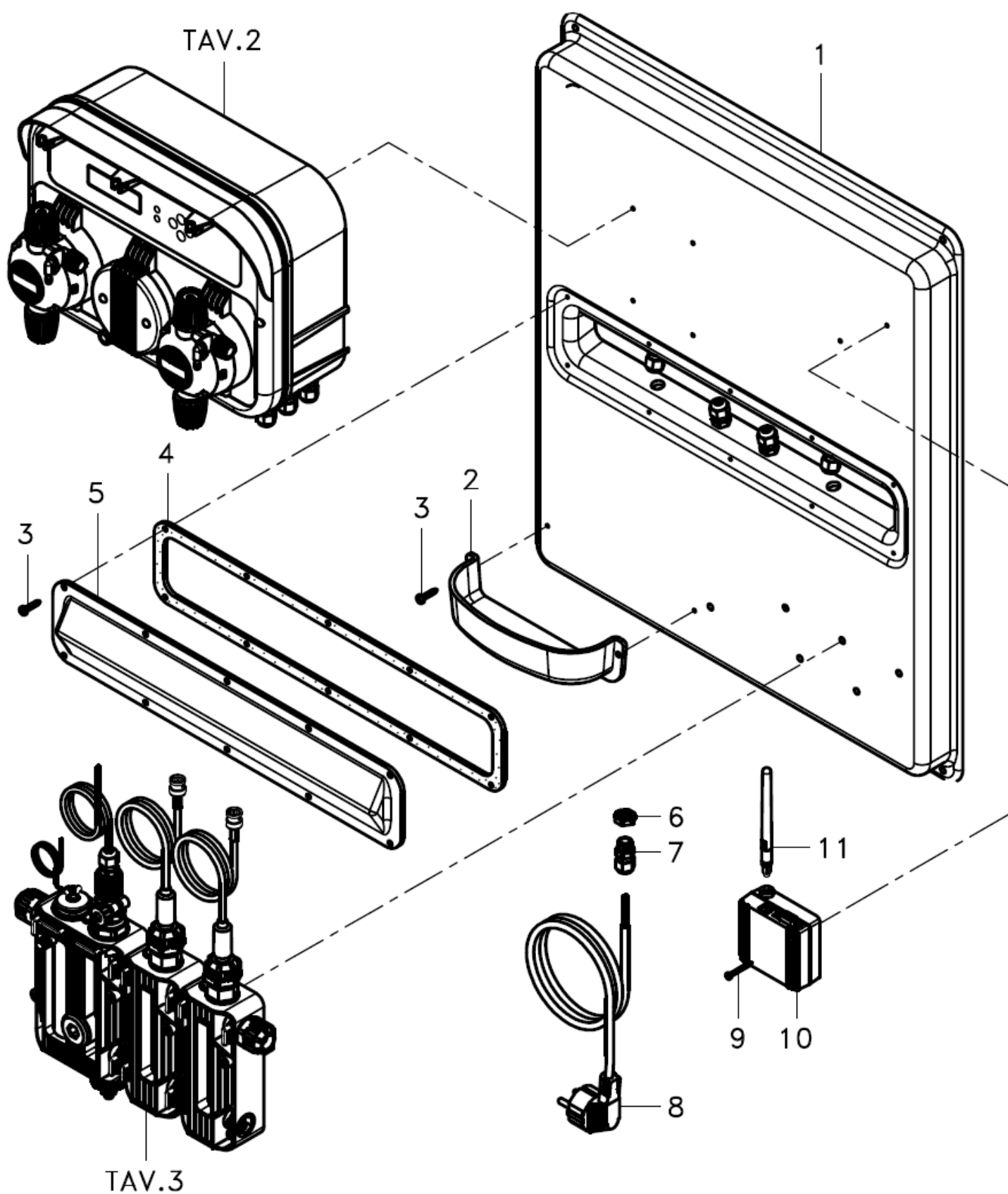
Conditions or methods for handling, storage and use of the material are beyond our control and/or knowledge.

For this reason and for other reasons we will not be held liable thereof and we expressly waive obligations of claim for damages or relating to the information contained herein.



After the implementation of the European Directive 2002/96/EU in the national legal system, the following applies: Electrical and electronic devices may not be disposed of with domestic waste. Consumers are obliged by law to return electrical and electronic devices at the end of their service lives to the public collecting points set up for this purpose. Details to this are defined by the national law of the respective country. This symbol on the product, the instruction manual or the package indicates that the product is subject to these regulations. By recycling, reusing the material or other forms of utilising old devices, you are making an important contribution to protecting our environment

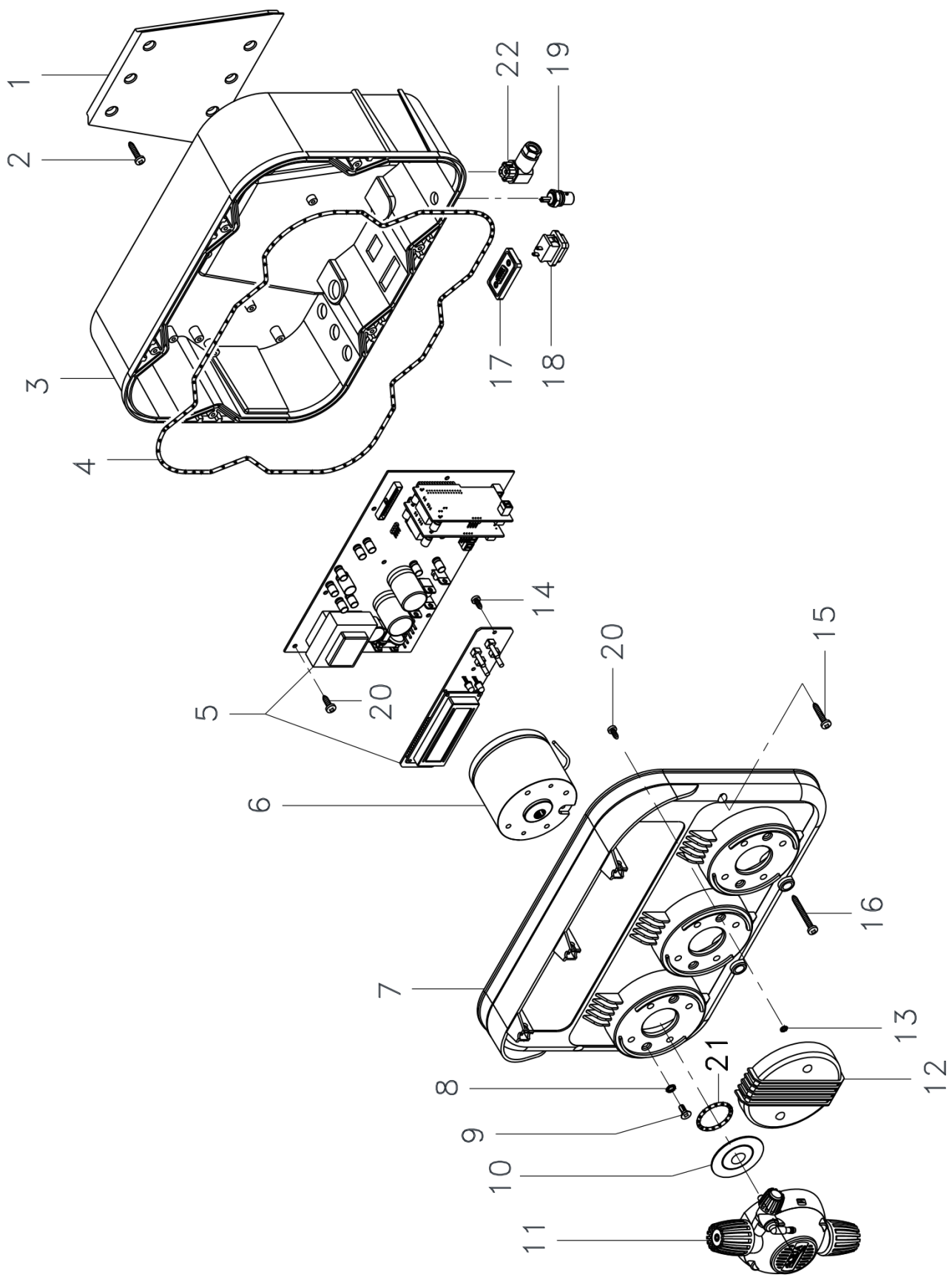
Esploso / Description



SERIE A-POOL SYSTEM CONNECT pH/RX (Tavola 1)

it	Codice	Descrizione	Q.tà
1	ADSP4000048	PANNELLO 500x600 ABS GOFFRATO GRIGIO	1
2	ADSP4000047	CASSETTO PORTA SOLUZIONI TAMPONE	1
3	ADSP6000764	VITE AUTOFILETTANTE D4.2x16	18
4	ADSP6020306	GUARNIZIONE 436X86 IN GOMMA ESPANSA	1
5	ADSP4000046	COVER 435X85 IN ABS GOFFRATO NERO	1
6	ADSP6000626	DADO NERO PRESSACAVO PG7	1
7	ADSP6000424	PRESSACAVO PASSO PG7 - 1900.07 - NERO	1
8	ADSP6000419	CAVO ALIMENTAZIONE CON SPINA SHUKO	1
9	ADSP6000852	VITE M 2,9 X 38 UNI 6954 (AF-TCTC) INOX A2	2
10	ADSP7000511	MODEM GSM/GPRS COMPLETO DI ALIMENTATORE	1
11	ADGSMAN	ANTENNA MODEM GSM	1

Esploso / Description

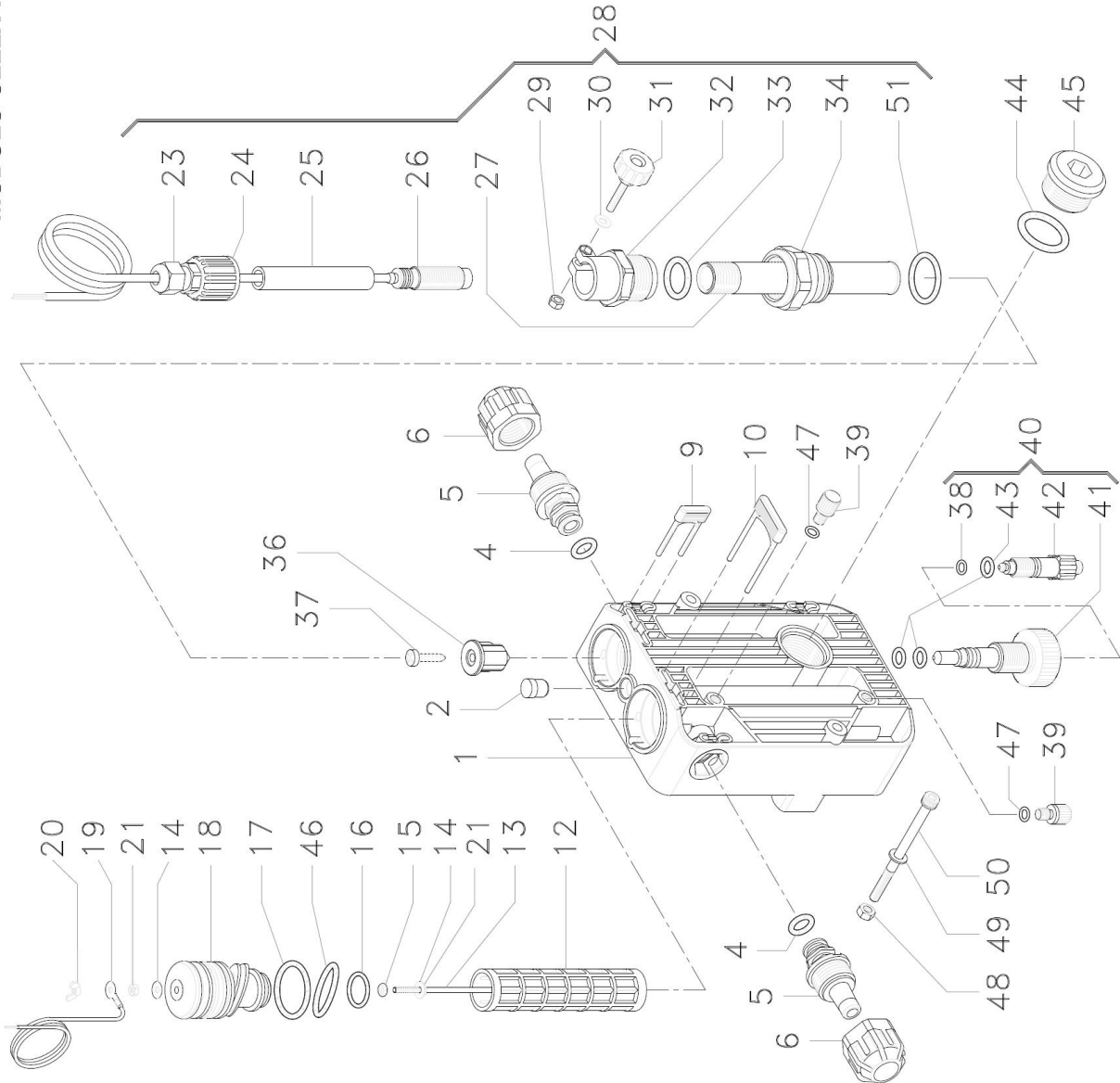


SERIE A-POOL SYSTEM pH/RX - CONNECT (Tavola 2)

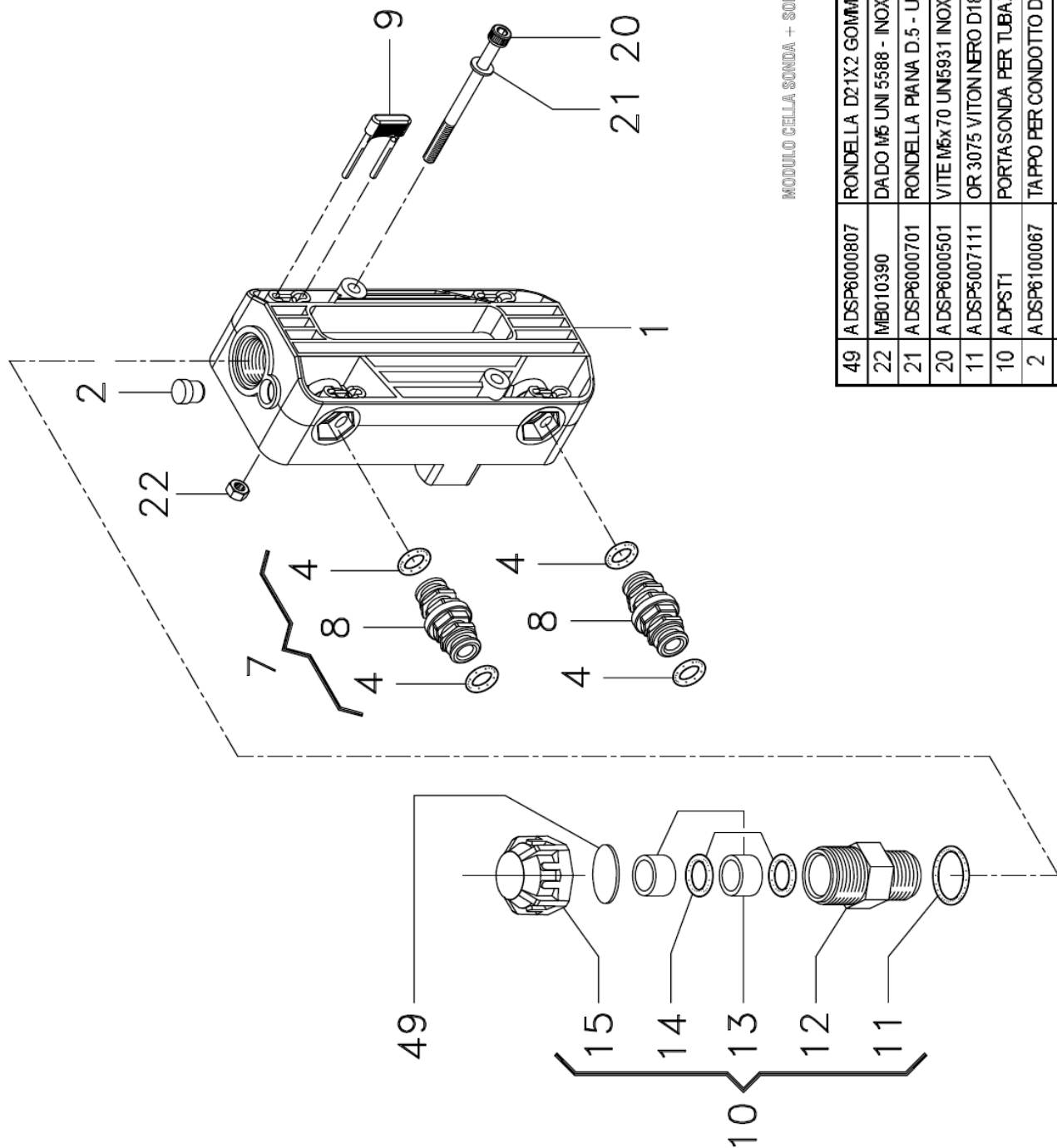
it	Codice	Descrizione	Q.tà
1	ADSP6020156	STAFFA FISSAGGIO A PARETE HC300 PP NERO	1
2	ADSP6000764	VITE AUTOFILETTANTE D4.2x16	2
3	ADSP3500000	CASSA INFERIORE POMPA TRIPLA ARNITE NERA	1
4	MG010700	OR-CORDA NEOPRENE CE/CH. D.3MM	0.95
5	ADSP6000591	SKD AQUA POOL SYSTEM pH-CL 230V	1
	ADSP6000595	SKD AQUA POOL SYSTEM pH-CL CONNECT 230V	1
6	ADSP6000287	MAGNETE D70	2
	ADSP6000295	MAGNETE D60	
7	ADSP3500001	COPERCHIO CASSA TRE POMPE ARNITE NERA	1
8	ADSP5007072	OR "R1" NBR - 2.60X1.90(mm)	8
9	ADSP6000708	VITE M 4 X 8 UNI 7688 (AF-TSTC) INOX A2	6
10	ADSP9200001	DIAFRAMMA PTFE DYNEON 1614 1-14L HC897 M12X1	2
11	ADSP900PI00	CORPO POMPA 1-14 PVDF-PTFE-VT COMPLETO HC897	2
12	ADSP3500002	COPERCHIETTO FORO POMPA PDE COPERCHIO POMPA TRIPLA PP NERO	1
33	ADSP5007065	OR - RIF. 106 - NBR	2
14	ADSP6000749	VITE M 2,9 X 9,5 UNI 6954 (AF-TCTC) INOX A2	3
15	ADSP6000767	VITE M 3,5 X 19 UNI 6954 (AF-TCTC) INOX A2	4
16	MB010300	VITE M 3,5 X 32 UNI 6954 (AF-TCTC) INOX A2	2
17	ADSP6000596	CONNETTORE RS232-485 FEMMINA D-SUB PANEL IP67	1
18	ADSP6000859	INTERRUTTORE ON/OFF 3A 250V TIPO A BILICO CON PROT. GOMMA	1
19	ADSP6000494	CONNETTORE BNC FEMMINA CABLATO CM 15 RG174	1
20	ADSP6000729	VITE M 3,5 X 9,5 UNI 6954 (AF-TCTC) INOX A2	13
21	ADSP5007117	OR - RIF. 2150 - VITON	2
22	ADSP6000484B	CONNETTORE FEMMINA 4 VIE CABLATO CON CAVO 3X0,75 0,5MT S/SPINA	1
	ADSP6000836	CONNETTORE MASCHIO 4 VIE G4A5M CABLATO LIVELLO 1XPANDUIT 2 VIE	2
	ADSP6000834	CONNETTORE MASCHIO 3 VIE G4A5M (FILI BLU-NERO-MARRONE) PER HC300 CL-P	1
	ADSP6000835	CONNETTORE MASCHIO 4 VIE G4A5M CABLATO SERVIZI PANDUIT 2 VIE	1

Esploso / Description (Tavola 3)

MODULO CELLA FILTRO - FLUSSO COD. ADSP3600004



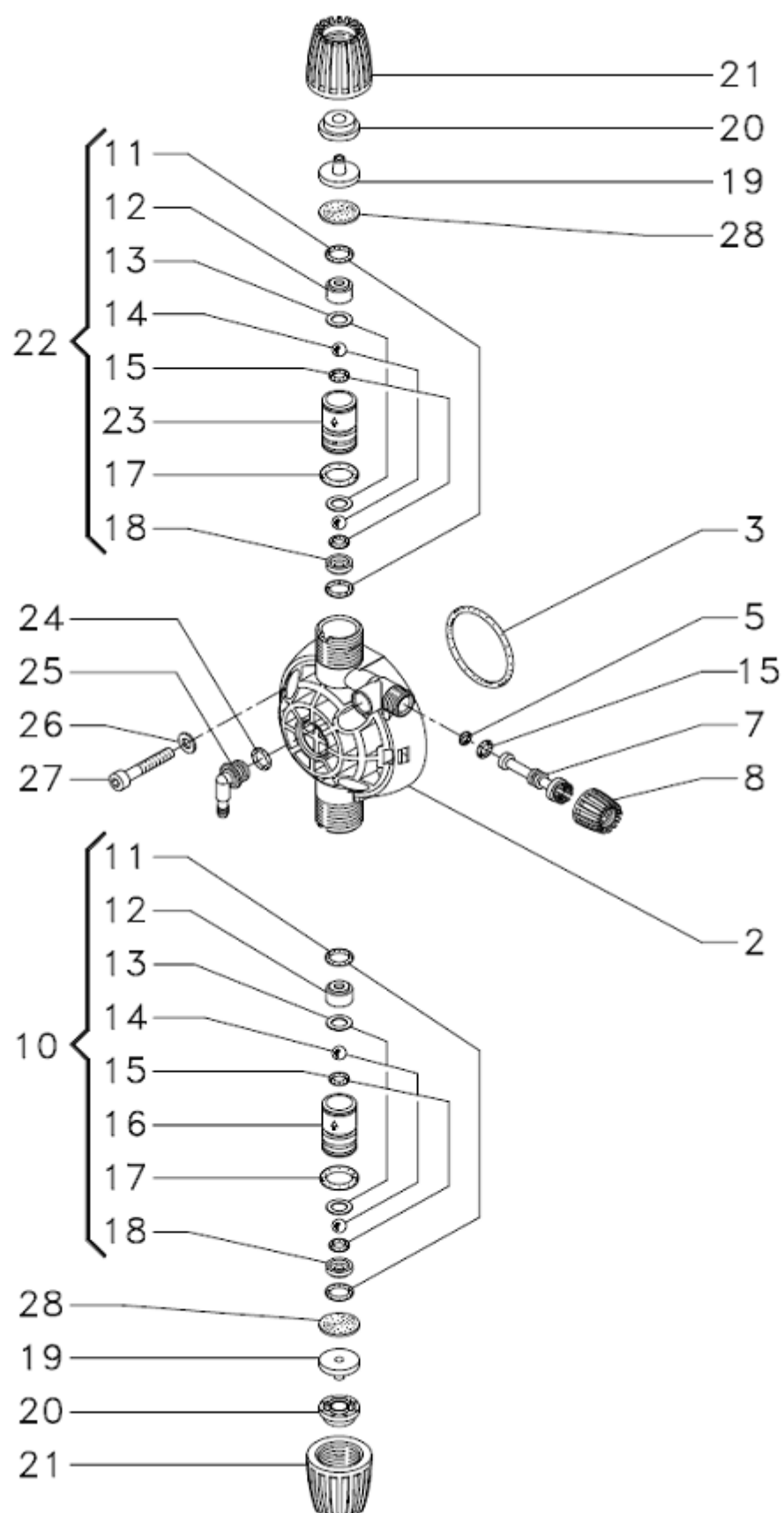
51	ADSP5007106	OR - RIF. 3100 - VITON NERO	1
50	ADSP6000501	VITE M6X70 UNI 5931 (TCEI) INOX A2	2
49	ADSP6000701	RONDELLA PIANA D.5 - UNI 6592 INOX A2	2
48	MB010390	DADO M6 UNI 5588 - INOX A2	2
47	MG010980	OR 3,5X2 VITON NERO	2
46	ADSP6007205	OR 132 VITON NERO 2,62 X 23,81 (VN)	1
45	PA010100	TAPPO 3/4 M.	1
44	MG010660	OR 20,22X3,53 RIF. 4081 NBR70SH COD.DIS. 013.1102.05	1
43	ADSP6007213	OR - METRICO D.8X1,2 - VITON NERO	3
42	ADSP6100079	SPILLO PRELIEVO PER CELLE MODULARI PP	1
41	ADSP6100078	VITE REG. FLUSSO PP CON FORO PER SPILLO PRELIEVO PER CELLE MOD.	1
40	ADSP4000621	VITE REGOLAZIONE FLUSSO COMPLETA DI RUBINETTO PRELIEVO	1
39	ADSP6100075	TAPPO SPURGO M6 PER PORTA SONDA MODULARE	2
38	ADSP5007022	OR 2015 VITON NERO 3,69 X 1,78 FKM 65	1
37	ADSP6000764	VITE 4,2 X 16 INOX A2 TESTA CLINORICA TAGLIO CROCE AUTOFILETTANTE	1
36	ADSP6100066	PESO FLUSSOSTATO PER PORTA SONDA MODULARE	1
34	ADSP6100068	TAPPO PORTA SENSORE DI FLUSSO M24X1,5 PER PORTASONDA MODULARE	1
33	ADSP5007206	OR M16 X 1,3 VITON NERO (VN)	1
32	ADSP6100070	RACCORDO BLOCCA SENSORE DI FLUSSO PER PORTA SONDA MODULARE	1
31	ADSP8000029A	MANOPOLA FISSAGGIO COPERCHIO TRASPARENTE PER-R	1
30	ADSP6000805	RONDELLA D04 X 10 X 1 A2	1
29	ADSP6000502	DADO M04 X 11,4mm UNI 5587 INOX A2	1
28	ADSF3	SENSORE FLUSSO COMPLETO PER PORTA SONDA MODULARE	1
27	ADSP6100071	TUBO D12X63 PER SENSORE DI FLUSSO PER PORTA SONDA MODULARE	1
26	ADSP2	SENSORE DI PROSSIMITA' A-SP (M12 PNP) (VN)	1
25	ADSP6100072	GUIDA PORTA SENSORE DI FLUSSO PER PORTA SONDA MODULARE	1
24	ADSP5004005	GHIERA 3/8" PP PER VALVOLA A SFERA	1
23	ADSP6000424	PRESSACAVO + DADO PG7 NERO	1
21	ADSP6000466	DADO M03 INOX	2
20	ADSP6000635	DADO AD ALLETTE M3 UNI 5448-A AISI A2	1
19	ADSP6020012	CAVO TERRA CM 35 CON CAPOCORDA	1
18	ADSP6100065	TAPPO PER FILTRO PORTA SONDA MODULARE	1
17	ADSP5007211	OR M125 25X3 VITON NERO	1
16	ADSP5007087	OR 2086 VITON NERO D14x1,78	1
15	ADSP5007049V	OR 2010 VITON NERO 2,57 X 1,78	1
14	ADSP6000469	RONDELLA A FASCE LARGA D03 X 09 INOX	2
13	ADSP6000031	ELETTRODO TERRA PER PORTASONDA D3X120 INOX	1
12	A803R050	CARTUCCIA RICAMBIO A QUALI-MINI	1
10	ADSP6100073	FORCELLA TAPPI PER PORTA SONDA MODULARE	2
9	ADSP6100074	FORCELLA GIUNTI PER PORTA SONDA MODULARE	3
6	ADSP5004002	GHIERA FISSA TUBO PP NERA 1/2" 10x14	2
5	ADSP6100063	GIUNTO A TACCO A FORCELLA PP 1/2" PER TUBO 10X14	2
4	MG010990	OR 9,13X2,62 RIF. 109 NBR 70SH	2
2	ADSP6100067	TAPPO PER CONDOTTO D9 PER PORTA SONDA MODULARE	1
1	ADSP6100060	MODULO CELLA FILTRO - FLUSSO PER PORTASONDA MODULARE	1
POS	CODICE	DESCRIZIONE	Q.T.A



MODULO CELLA SONDA + SONDA FILETTATA REDOX COD. ADSP3600005

49	ADSP6000807	RONDELLA D21X2 GOMMA NBR NERA	1
22	MB010390	DADO M5 UNI 5588 - INOX A2	2
21	ADSP6000701	RONDELLA PIANA D.5 - UNI6592 INOX A2	2
20	ADSP6000501	VITE M5x70 UNI5931 INOX A2	2
11	ADSP5007111	OR 3075 VITON NERO D18,72x2,62	1
10	ADPST1	PORTA SONDA PER TUBAZIONE A-PSL.1 A TTA CCO 1/2" - PP-AQUA	1
2	ADSP6100067	TAPPO PER CONDOTTO D.9 PER PORTA SONDA MODULARE	1
1	ADSP6100061	MODULO CELLA ELETTRODO PER PORTA SONDA MODULARE	1

Esploso / Description



CODICI CORPO POMPA-SPARE PARTS PUMP HEAD

it	C	
2	A	
3	/	
5	A	
7	A	
8	A	
10	/	
11	/	
12	A	
12	/	
13	/	
14	/	
15	/	
16	A	
17	/	
18	A	
19	A	
20	A	
21	A	
22	ADSP9005P03	GRUPPO VALVOLA 1/2" PVDF-PTFE-DT CARTUCCIA MANDATA
	ADSP9005001	GRUPPO VALVOLA 1/2" PP-GL-VT CARTUCCIA MANDATA
23	ADSP9000009P	ASTUCCIO SFERE VALVOLA MANDATA HC897 PVDF
	ADSP9000009	ASTUCCIO SFERE VALVOLA MANDATA HC897 PP
24	ADSP5007035	OR - RIF. 106 - VITON NERO
	ADSP5007021	OR - RIF. 106 - DUTRAL
25	ADSP9000007P	PORTAGOMMA 4X6 PER SPURGO CORPO POMPA HC897 PVDF
	ADSP9000007	PORTAGOMMA 4X6 PER SPURGO CORPO POMPA HC897 PP
26	ADSP6000701	RONDELLA D05X10 PIANA INOX
27	ADSP9000016	VITE M 5 X 30 UNI 5931 (TCEI) INOX A2
28	ADSP9000019	RONDELLA D16X0.5 PE NAT

POMPA RX
RX PUMP

POMPA pH
pH PUMP

INGRESSO Sonda di Livello del pH
INPUT pH LEVEL PROBE

INGRESSO Sonda di Livello del RX
INPUT RX LEVEL PROBE

INGRESSO Sonda pH
INPUT pH PROBE

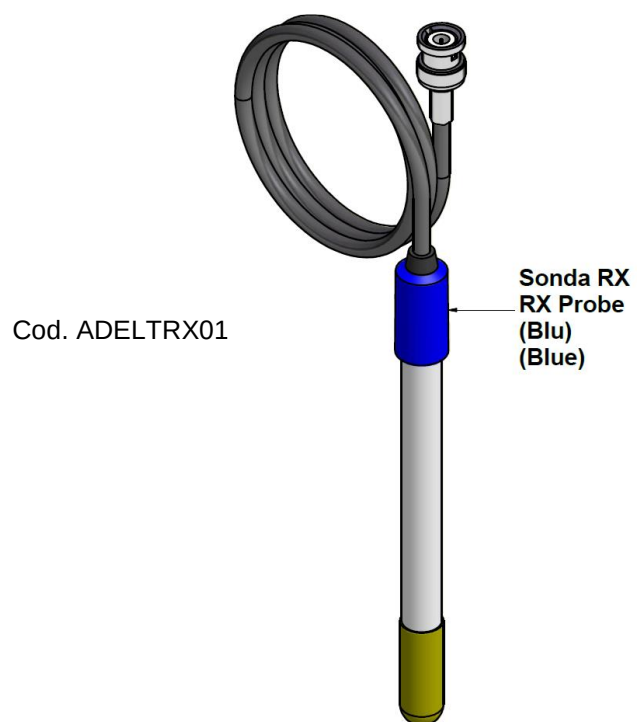
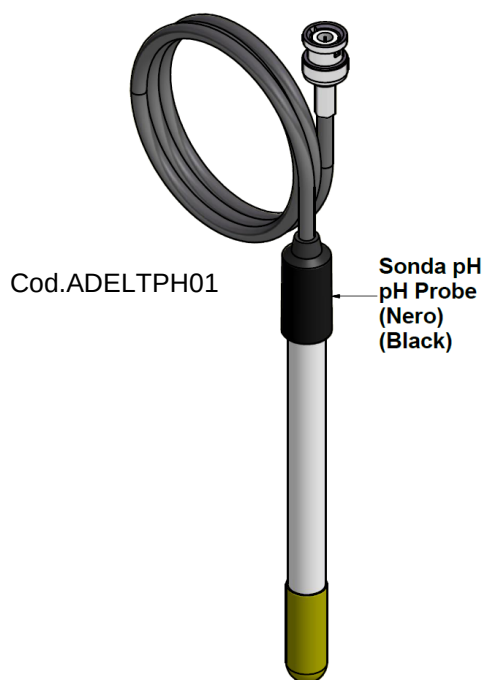
INGRESSO Sonda RX
INPUT RX PROBE

INTERRUPTORE
ALIMENTAZIONE ON/OFF
SWITCH POWER ON/OFF

INGRESSO Cavo di Alimentazione
TRIPOLARE (230V)
INPUT THREE POLE POWER CABLE
(230V)

INGRESSO Sensore di Flusso
INPUT FLOW SENSOR

PROBE



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