



Made in Italy

LOGICPANEL SEWAGE

WALL MOUNTED PANEL FOR WASTE WATER LIFTING STATIONS

Allows to set the start and stop levels of each pump.

Guarantees the alternation of the pumps at each start.

Allows real-time display of the water level.

Stops the pumps in case of water shortage and protects them from dry running.

Allows to set the level of alarm intervention.

Allows the connection of electric emergency float and a remote contact.

Can also be used to operate a single pump.

Standardly supplied with ultrasonic sensor.

TECHNICAL FEATURES

	Single-phase		Three-phase	
	M2HP	M3HP	T4HP	T5.5HP
Mains voltage	115/230 Vac	115/230 Vac	400 Vac	400 Vac
Acceptable voltage fluctuation	+/- 10%	+/- 10%	+/- 10%	+/- 10%
Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Current max	10 A	16 A	8 A	10 A
Power max for each pump at 115 V	0,75 kW (1 HP)	1,1 kW (1,5 HP)	----	----
Power max for each pump at 230 V	1,5 kW (2 HP)	2,2 kW (3 HP)	----	----
Power max for each pump at 400 V	----	----	3 kW (4 HP)	4 kW (5,5 HP)
Protection degree	IP 65	IP 65	IP 65	IP 65
Operating temperature max	60 °C	60 °C	60 °C	60 °C
Overall dimensions	205x170x53 mm - 0,5 Kg	205x170x53 mm - 0,5 Kg	250x350x150 mm - 2,8 Kg	250x350x150 mm - 2,8 Kg



CONTROL PANEL

Setting up and starting the device is easy and intuitive thanks to the large and bright LCD display that shows all the information, and the keyboard that allows you to quickly enter and change the operating parameters of the pump.

To save energy, the display turns off one minute after the last operation.

To turn the display back on, simply press any button on the keypad.

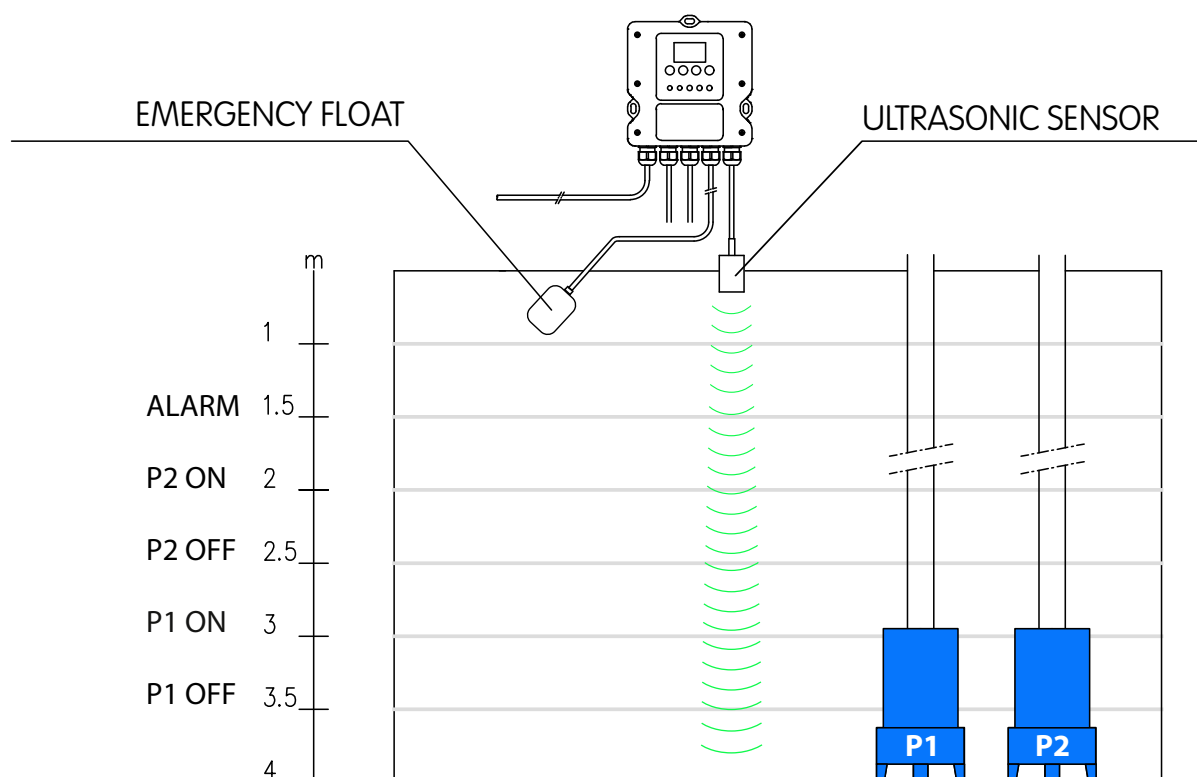
The LEDs indicating the main phases of the device's operation remain always lit to allow the user to always have the status of the system under control.

INSTALLATION AND STARTUP

Install the device near the tank or on the wall.

Connect the pumps and the supplied ultrasonic sensor to the device.

Energize and set the operating levels and select the desired working mode.



OPERATION

The device starts and stops the pump (or pumps) depending on water level set for each pump. It is also possible to set the level of alarm intervention. The device can operate in different operating modes:

- **Duty/Assist:** The pumps alternate at each start and work simultaneously when needed.
- **Duty/Stand-by:** The pumps alternate at each start but never work at the same time.
- **Only pump 1 or 2:** Only the pump selected by the user works.

EMERGENCY FLOAT

In the event that the ultrasonic sensor fails, the water level will activate the emergency float that will start both pumps and signal the alarm.

PUMPS ALTERNATION DURING CONTINUOUS OPERATION

If, for any reason, one or more pumps are working continuously, in order to guarantee uniform wear of the pumps, every sixty minutes of continuous operation of a pump a forced exchange will be made with stand-by pump.

The changeover respects the alternating sequence of all the pumps.

ANTI-JAMMING FUNCTION

If for any reason the pump remains idle for 24 consecutive hours, the device will start the pump for about 5 seconds.

OPTIONALS

- Alarm panel.