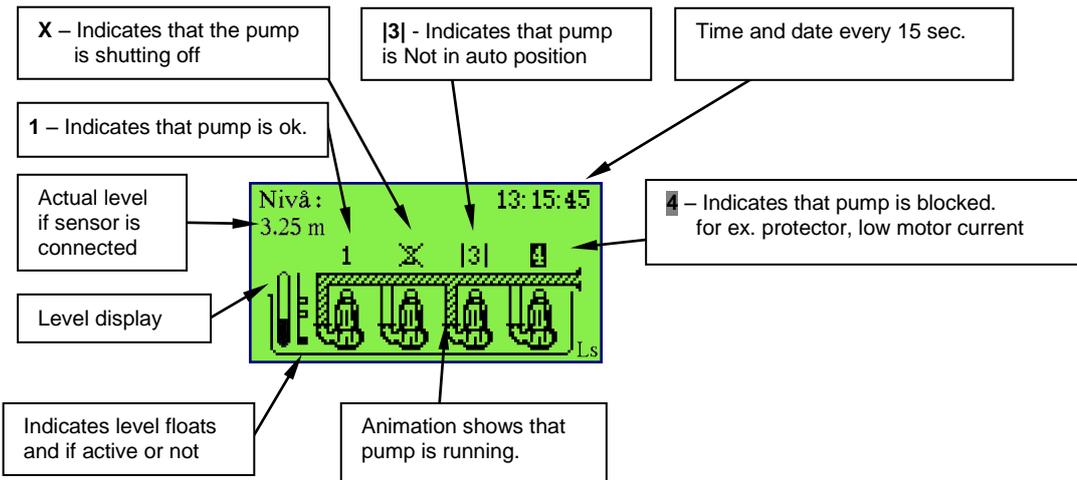


Power on
The unit is running

Indication Pump Auto
Pump Not Auto: flashing light
All pumps in Auto: Fixed light

Indication of A-alarm and B-alarm
Not ackn. alarm: Flashing light
Active ackn. alarm: Fixed light

- P** Shows pump status, actual and accumulated data for the last 7 days
- E** Shows flow and over flow, actual and accumulated values up to 7 days
- A** Shows not confirmed, active alarms and alarm history.
- L** Shows logged data, numeric and graphic
- S** Menu where all basic setting are made, for ex. start- /stop levels, alternating a.s.o.
- X** Shows external units that that communicate via RS-485.
- OK** Key used to confirm choices and settings and to enter sub menus
- Esc** Finish menus or go backward in menus.



S Menu for settings

- Application** → -Here number of pumps and max pumps running simultaneously is set.
- I/O settings** → -Here the In and out puts of the system is configured.
- Pump settings** → -Here all pump settings are made.
- Station settings** → -Here all station settings are made.
- Other settings** → -Here all setting for communication, clock, factory setting, counters are made

Login and access to the system

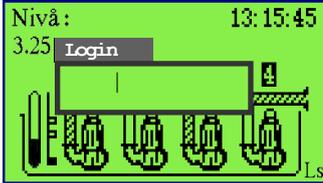
To see the status for the pumps, flow, log values and alarm list and alarm history no access code is needed.

If you want to acknowledge an alarm or to change the pump levels you must log-in with an operator access code. When you have logged-in with the operator access code a **Lo** is shown in the lower right corner of the display. TO change the general setting a system code must be set. When you have logged in with the system code a **Ls** is shown on the lower right corner of the display.

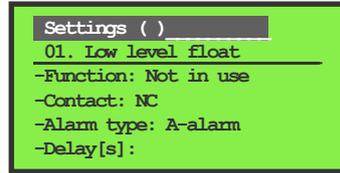
Ls – Login with system password (Password from the factory, 4 up-arrows ▲▲▲▲)

Lo – Login with operator password (Password from the factory, 4 down-arrows ▼▼▼▼)

Login can be done in two different ways:



From the main menu you can Log-in directly by pressing the ▼ key, and the log-in square will show. Enter the code and confirm with the **OK**-key.



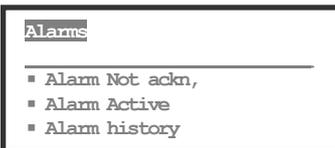
When you are in a menu and come to a point where you want to change or confirm something and press **OK** key the log-in square shows. Enter the code, confirm with **OK**-key.

Logout will be done automatically after 5 minutes or by pressing the ▼ key in the main display and confirm with the **OK**-key.

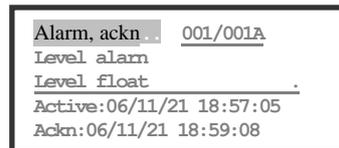
Confirmation of alarms

All alarms are shown via the two red alarm leds, flashing light shows not acknowledged alarms, fixed light show active acknowledged alarms.

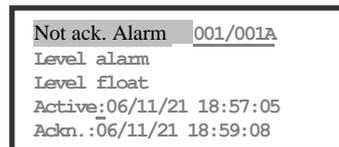
When an alarm starts the type of alarm is always shown in the display. The alarm text disappears from the display when the screen saver becomes active after approx. 5 minutes, this is why the handling is different.



If the display is switched off Not acknowledged alarms will not be shown by a flashing red diode. To see the alarms, press the A key and select the not acknowledged alarms from the list



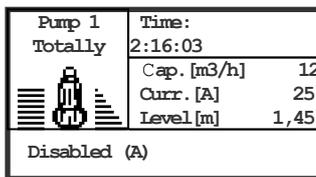
If an alarm has started within the last 5 minutes the alarm is shown directly on the display as Not acknowledged Acknowledge the alarm by pressing **OK**. If several alarms are Not acknowledged you can look at the alarm list with the ▲▼ keys.



If several alarms are not acknowledged, you can select from the list the ▲▼ keys. Acknowledge by pressing the **OK** key. Go back to the main display by pressing the **Esc** key two times.

Pump status

When you press the **P**-key once you enter pump status. Here the information about number of starts, running time, pump capacity, motor currents and actual level in the pit are shown.

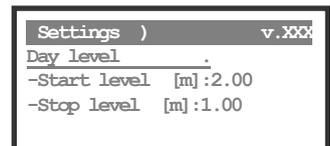
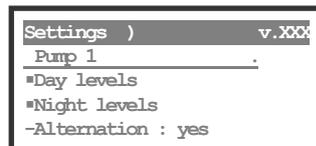
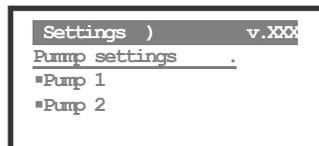
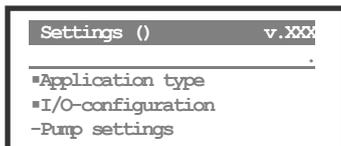


By pressing the **P** key you come to the status for pump 1, which shows total accumulated data for running time and number of starts. By pressing the ▼▲ keys you can select the other pump. By using the ◀▶ keys you move between the total values and day values for up to 7 days. Here you also see the actual pump capacity, pump current and actual level in the pump pit.

Changing the pump levels

For changing of levels the system access is needed.

Choose "Station settings" by pressing the **S** key (if display is off, you need to press two times). Choose "Pump settings" with the ▼ key, confirm with **OK**, select pump and confirm with **OK**, choose day or night level and confirm with **OK**.



When you are in the level menu you choose start or stop level and to changing with the **OK**-key. If you are not logged in the square for log-in will show. With the ◀▶ keys you change the position of the cursor and the value with the ▲▼ keys, confirm with changed value with **OK**. Go back in the menu with the **Esc**-key.