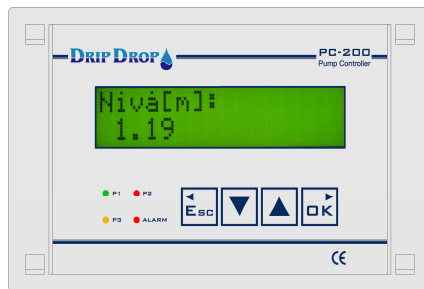# DRIP DROP

Indication diode "P1-P3"
3 Multicolour diodes show the status for each pump.
¤ **Green**i shows pump is running.
¤ **Red** shows pump alarm
¤ **Orange** shows pump "Not in Auto"

Indication diode "Alarm"
1 red diode shows the alarms.
¤ **Red** "flashing" active,not ackn.alarm.
¤ **Red** "fixed" active, ackn. alarm.

OK Confirm choice, enter sub menus, and to go from the start menu to the main menu.

Esc Exit the menus and go to the left.

▼ Used to step downwards in the sub menus, and to change values to be set.

▲ Used to step upwards in the sub menus and to change the values to be set.

Main menu   ## Sub menu

Menus in "black dashed box" are only shown if activated in Settings.

| System settings ► | OK Esc | Application ► | ▲ Here all basic settings are made beginning, with ▼ "Application" (see back side) |

| Level settings ► | OK Esc | Start level P1   1.55 | ▲ Shortcut to settings of set points for high and low level alarms for ▼ each pump. |

| Manual control ► | OK Esc | Start P1   Not allowed | ▲ Man. start only allowed if level is between set ▼ values for start and stop level |

| Alarm status ► | OK Esc | *Active alarms   All alarms | ▲ Status for active, acknowledged and old alarms. ▼ For more information and "acknowledgement" (see backside). |

Date: 05/03
Time: 12.35

Level setting (start-/stop levels)

Level settings ►	OK Esc	Start level P1 2.50
		▼▲
		Stop level P1 0.30
		▼▲
		Start level P2 3.25
		▼▲

Level:
1.19 m   **Start window**   Shows actual level

AI2[%]:
15.25   Shows actual value for AIN 2 (Choise of text for type and unit)

UR   US   UT
0   230   230 V   Shows actual voltage for power supply.

Presence ► OK Esc   Pers. Alarm On   800 sec. 125
Shows the working time left before person alarm is sent.
Can be extended by pressing. **OK**

P1   P2   P3
off   on   off
Shows pump status and if pump is running or not

P1 Op h: 5
P1 Nos: 25
Pump 1, shows total running time.
Pumpe 1, shows number of starts.

P2 Op h: 5
P2 Nos: 25
Pump 2, shows total running time.
Pump 2, shows number of starts

P3 Op h: 5
P3 Nos: 25
Pump 3, shows total running time.
Pump 3, shows number of starts.

Ov.fl.h: 1
Ov.flows: 3
Shows total overflow time and number of overflows

Flow[m3/h]:
12.5   Shows actual flow.

Volume[m3]:
525   Shows total ackumulated flow

Login (Password)

For manual start/stop of pumps, changing of level settings or system settings it is needed depending on the basic setting to be logged in with a password.
Login is done from the main meny by going to setting and chosing Login/Logout.

If you have forgotten to login in the submeny you can set the password when the promt shows up. This happens when you try to change values direct in the menys:
Settings*, level settings and Man. Start/stopp.*

System settings ►	◄ ►	Application ►
		▼▲
		Login/Logout ►
		OK
		Password - - - -

Login (password)
Use ▲▼ arrows to set values,and **OK** to go to the next position. Finish with **OK** key.
Operator: **ZZZZ** (4 Z)
System: **0000** (4 Zeroes)

3. Alarm status
Press [OK►] to enter menu, press [◄Esc] to leave menu.

```
Alarm status
►
```
Press [OK►] and you will come to the alternatives

Active alarms   **All alarms** (Alarm history)

```
*Not ackn.alarms
 All  alarms
```
Active **not** ackn

```
 p1 motor prot.
▾Aktiv        Ackn.
```
Ackn.? [OK►]

```
√ p1 motor prot
◄Ack: 17/03    09:00
```
```
√ p1 motor prot
◄ On: 16/03    04:52
```
```
√ p1 motor prot
◄ Off:17/03    09:00
```

```
*Active alarms
 All  alarms
```
Active ackn.

```
√ p1 motor prot
▾Aktiv
```
```
√ p1 motor prot
◄Ack: 17/03    09:00
```
```
√ p1 motor prot
◄ På: 16/03    04:52
```
```
√ p1 motor prot
◄ Av:17/03    09:00
```

```
 Not ack.alarms
*All  alarms
```
Alarm list - status

```
√ p1 motor prot
▾ Active
```
```
√ high level
↕ Not active
```
```
√ Overflow on
↕ Not active
```
```
√ p3 motor prot
↕ Active
```

Ackn.**not** active

```
√ p1 motors prot
◄Ack: 17/03    09:00
```
```
√ p1 motors prot
◄ On: 16/03    04:52
```
```
√ p1 motors prot
◄ Off:17/03    09:00
```
When alarm is ackn.

When alarme is activated.

When alarm is inactivated.

EX. P1 Motor prot.

Alarm handling – alarm menu and alarm text.
When an alarm is activated it will show up in the display, For ex. p1 motor prot. After about 1 ½ minute the display will go back to normal position and you see that a new alarm that occurred by the alarm diodes that show red light

√ sign in front of alarm text means that the alarm is acknowledged

Example of different alarm status for fallen motor protector Pump 1

```
 p1 motor prot.
Active       Ackn?
```
*Active **Not** acknowledged alarm.*

```
√ p1 motor prot.
▾Active
```
*Acknowledged alarm, but **still active***

```
√ p1 motor prot.
▾Not active
```
*Acknowledged alarm, **Not** active alarm.*

System settings
(Press [OK►] to enter the menu, press [◄Esc] to leave the menu.

```
System settings ►
```
Press [OK►] and you will come to the alternatives below. **(password needed to change)**

Pump settings for start and stop of pumps

```
System settings►
```
[OK►] [◄Esc]
```
Application
```
Setting of number of pumps a.s.o.

▾▲

```
I/O Settings     ►
```
Settings of functions for analogue and digital signals.

▾▲

Setting of pumps
```
Pump settings    ►
```
[OK►] [◄Esc]
```
Pump 1           ►
◄
```
Press [OK►]
```
Start level P1
◄◄              1.50
```

▾▲

Setting of Station.
```
Station settings ►
```
```
Time/Delays.     ►
◄
```
[OK►] [◄Esc]
```
Delay on[s]
◄◄              1.50
```
```
Stop level P1
◄◄              0.50
```

▾▲   ▾▲   ▾▲

Settings for:
- Communication
- Time and date
- Erase alarms
- Display contrast
- Default setting
- Login/Logout
```
Other settings   ►
```
```
Delay off[s]
◄◄              0.50
```
```
Alternating P1
◄◄               yes
```

▾▲   ▾▲   ▾▲

```
Login/Logout     ►
```
```
To next start [s]
◄◄                 5
```
```
MaxruntimeP1[min]
```

▾▲   ▾▲   ▾▲

```
To next stop [s]
◄◄                 5
```
```
Breaktime P1 [sec]
◄◄                 1
```

▾▲   ▾▲

```
Switch time [s]
◄◄                 2
```