User guide

IPS 8, Air Purger, 230 V AC, 60 Hz. Field coils: 115 V AC, 60 Hz
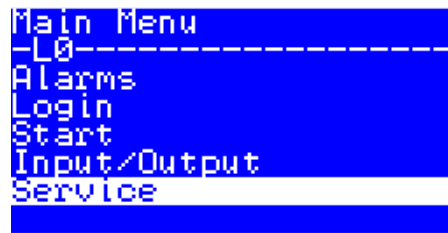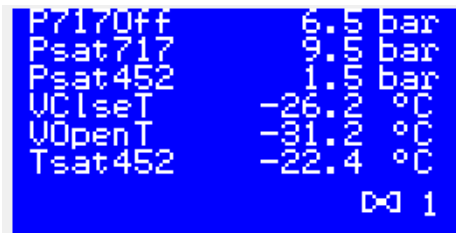## Setup IPS 8 for Bubbler support, SoftWare version: 5.05

Follow these steps to enable Bubbler output IPS. (See IPS User Guide, BC344024774466en for general information)

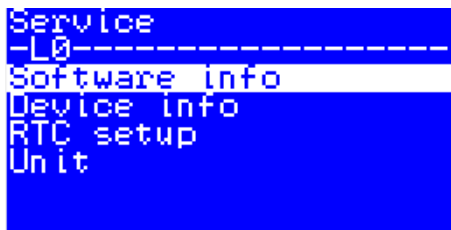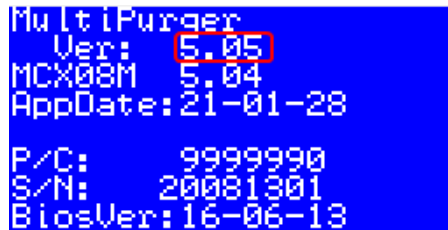   1. Connect power to IPS

Check SW version

   2. On the MCX main screen press ⏎ to main menu and select "Service" ⏎

```
P717Off       6.5 bar
Psat717       9.5 bar
Psat452       1.5 bar
VClseT      -26.2 °C
VOpenT      -31.2 °C
Tsat452     -22.4 °C
                  ⋈ 1
```
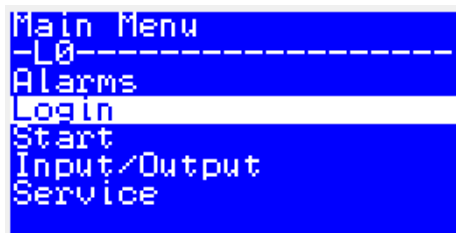
```
Main Menu
-L0-----------------
Alarms
Login
Start
Input/Output
Service
```

   3. Select Software info ⏎

```
Service
-L0-----------------
Software info
Device info
RTC setup
Unit
```

Check SW version to be: 5.05

```
MultiPurger
   Ver:    5.05
MCX08M  5.04
AppDate:21-01-28

P/C:    9999990
S/N:   20081301
BiosVer:16-06-13
```

Bubbler configuration

   4. Push ✗ to return to main menu and select "login" ⏎

```
Main Menu
-L0-----------------
Alarms
Login
Start
Input/Output
Service
```

   5. Enter Password 200

```
Password
2**
```
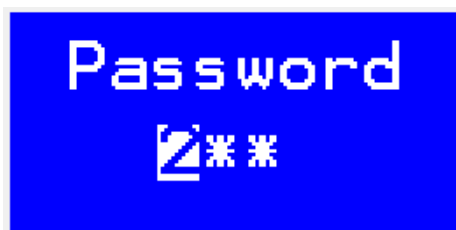
6. Follow these entries

```
Main Menu
-L2----------------
Login
Start
Parameters
Input/Output
Service
Language
```
①

```
Input/Output
-L2----------------
I/O display
I/O Config
```
②

```
I/O Config
-L2----------------
Digital Input
Digital Output
Analog Input
Analog Output
```
③

```
Digital Out Setup
------------------
10: Valve4
11: Valve5
12: Valve6
13: Valve7
14: Valve8
15: Alarm
```
④

```
DOutput: 15
------------------
F : Alarm
P : N.O.
```
⑤

```
DOutput: 15
------------------
F : Valve
P : N.O.
```

⑥ Use "Arrow up/down" to find "Valve" and confirm selection

⑦ Push ⊗ 5 times to return to main screen.

Bubbler configuration is completed.

Solenoid valve for bubbler to be connected to OUT15, Q15 terminals. Observe 115 V AC, 60 Hz