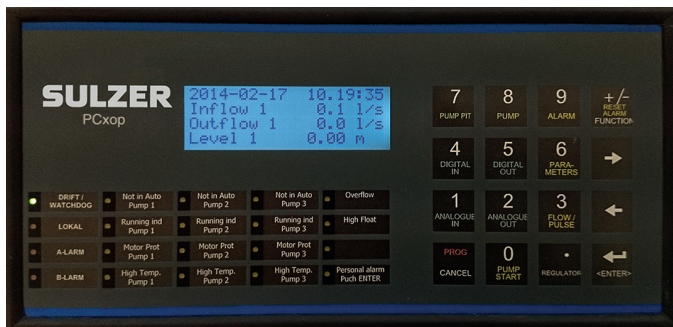# SULZER

Quick guide for PCx/PCxop

81300052C

Information about the system

There are two access levels to the system
- Operator level: Access to change set-point values
- System level: Access to the whole system

With no access code can parameters only be viewed

The access codes default settings are:

Operator code: 1
System code: 2

Below it is shown how to put in an access code, acknowledge an alarm and to set a start/stop level.

Operator/system access

Press on **PROG CANCEL** Type the **CODE** for operator or system access.

Press **<ENTER>** to confirm. Now should it be displayed "**Choose function**" and the access level.

Acknowledge Alarm

The operator panel has 2 alarm diods, A - och B -alarm. When an alarm is not acknowledged they will be flashing, to acknowledge an alarm do as follows

Press on **9 Alarm**, the marker will now flash at "**Status**", Press **<ENTER>** .

Now the cursor is flashing on "**Not ackn.alarms**" and confirm the choice with **<ENTER>** .

Browse with **→** and **←** to the **Alarm** that shall be acknowledged and press **RESET ALARMS** .

To go back to the main menu or step back, press **PROG CANCEL** a couple if times.

If the alarm led is lit is the alarm acknowledged but is still active and when the alarm goes off it will turn off automatically

Program Start/Stop for pump

Press on **PROG CANCEL** type the access **code** and press **<ENTER>** The OPI now displays "**Choose function**"

Press on **8 PUMP** Move the cursor with **→** or **←** until the cursor is on "**Pump settings**"

Press on **<ENTER>** to confim the choice. Select "**Control**" and press **<ENTER>** to confirm.

The cursor is now flashing on the choice "**Normal control**", press **<ENTER>** to confirm.

Select the pump **1-16** confirm with **<ENTER>** . Press **<ENTER>** until the cursor is flashing on the selected

parameter to change. **Type** the new value with the keypad and confirm with **<ENTER>**

In general, it is with the white keys (arrows and numbers) that are used for puting in and change values and after that confirm with the ENTER key. This is also the way when manouver the menu tree
To go back to the main menu or cancel an input the PROG/CANCEL key is used.

Information about the Yellow keys

The yellow keys shows the most common status and settings. Shall any settings be able to change must first the proper access code be inputted through the PROG/CANCEL-key see other side for guide

PUMP PIT

| 7 PUMP PIT |

Status pumped vol. — Shows the pumped volume for the pump pit for the last 7 days and the total amount.

Settings — Shows the parameters with connection to the pump pit, ex. Areas for flow calculations, alarm levels, and general pump delays

Pump pit valve — Shows the settings for the valve of the pump pit

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PUMP

| 8 PUMP |

Pump status — Shows the time of operation for the pumps, start counter and the capacity of the pump divided on the last seven days and the total capacity

Pump settings — Shows the parameters for the pump

Pump valve — Shows the settings for the valve that is working with the pump

Alarm blocking — Shows alarms that are connected to the pumps.

ALARM

| 9 LARM |

Status — Shows the alarm list.

Configure — Shows the alarm types in groups or in order. There is a possibility to set a personal code for acknowledgement of alarms.

Set alarm — Shows only the alarms that are in operation in number order.

FLOW / PULSE

| 3 FLOW/ PULSE |

Accumulated flow — Shows the day flow for the last seven days and the total flow

Overflow status — Shows the overflow the last seven days and the total amount

Actual values — Shows the actual values on flow meters, pulse channels and overflow

Channel flow config — Shows and is used for configure the flow meters of channels and overflow meters.

PUMP START

| 0 PUMP START |

Pump start — Is used to start and stop pumps manually via the PCx. The set levels of start and stop of the pump is in use. That means that a manually started pump with this function can be left on and the PCx control will stop the pump at its set stop level.

PARAMETERS

| 6 PARA- METERS |

User specific param. — Shows user specific parameters that are configured through **F6**.

FUNCTION

| +/- RESET ALARM FUNCTION |

Function codes — Shows more settings and information about the system. Below are some useful codes listed.

Function codes

Here are some of the most useful codes listed

F100 Time/Date	**F703** Pump alternation option	**F826** GSM PIN and PUK code
F110 Timer	**F705** Min time of pump status change	**F827** GSM signal
F112 Sequence control with timer	**F706** Settings for blocked pump	**F828** Block new alarms when visiting
F116 Power supply status and alarm	**F707** Settings for chech run of pump	**F830-833** Master/slave settings
F120 LED setup for OPI	**F708** Pump control on level derivata	**F840** IO-controlled data register
F124-128 Reset of status	**F710** Max no. of pumps run.simultaneously	**F950** Access codes
F400 Analog logging settings	**F711** Max no. of pump. run.sim. in 2 pits	**F900-902** Version information
F401 Start register for exp. logging data	**F720** Shift motor	
F405 Digital logging settings	**F800-802** Communication parameters	**Standard configurations**
F410 Analog logging	**F804-806** Cross reference settings	**F872-873** Speed controlled pits
F415 Digital and alarm list	**F807** Scaling of data registers	**F882-883** Speed cont. booster stations.
F600-660 Settings of speed control	**F810-813** Modem settings	**F890** Simple 2-pump station
F700-701 Settling pit	**F814-825** Alarm dial-up settings	**F892-894** Standard 2-4 pump stations
F702 Auto alternation on pump error	**F819** Station identity	**F899** Delivering initiation