Satron VCT menu structure

Esc

100 %CS
the measurement values menu

%CS
the selected unit for measurement (%Cs)

6286 MA
the value for the primary mA-ouput

S 298 °C
the temperature of the sensor head (E electronics)

RECIPE 1
the name of active recipe

I/O 1
configuration menu for inputs/outputs(I/O 1...3)

TYPE
the type selection (in-, output, 2nd mA-out)

FUNCTION
the function settings for digital in-/output

SOURCE
the source for digital output to change its state

ON DELAY
digitaalisen lähdön off/on suunnanvaihdon viive

OF DELAY
the delay for digital out to change from ON to OFF

OF TIMER
the overfeed timer to limit continuous ON state

IO2 SRC
the scource for 2nd mA-output (PV, ST, ET..)

IO2 LRV
the lower range value for 2nd mA-out (4mA)

CONFIGUR
the configuration settings menu

Enter

RCP SEL
active recipe selection menu

MAOUTPUT
the mA-output configuration menu

SYSTCONF
the system configuration menu

INFO
the device information menu

I/O CONF
the I/O configuration menu

MANUFCTR
the name of manufacturer (SATRON)

DEV TYPE
the type code of device

VERSION
the version for device hardware and electronics

ASSM NUM
the assembly number for device

SER NUM
the serial number for device

OP TIME
the operation time counter

IO2 URV
the upper range value for 2nd mA-out (20mA)

IO2 DAMP
the time constant for 2nd mA-out damping (0...60s)

NEW SAMP
new sample

Enter

START ?
store a new sample to memory

SAMPLH2O
restore the water point to memory

RECIPE 1
the list of recipes (RECIPE 1...4)

TAG
the TAG code for device (free-format text)

SETCLOCK
date / time (dd.mm.yyyy) (hh.mm.ss) settings

HART
the multidrop- ja burst mode settings

DISPLAY
the display settings (back-light intensity and angle)

PASSWORD
the password (0...999) protection

FACTORY
restore factory settings

LANGUAGE
the language selection for display

T UNIT
tempereature unit selection (Celcius, Farenheit)

PV UNIT
the display unit selection (%Cs, mg/L...)

LED CURR
the LED intensity settings (1...100%)

CALIBRAT
the calibration menu

DIAGNOST
the transmitter diagnostics menu

ADVANCED
(ei käytössä)

Enter

RECIPE
the settings for active recipe

SAMPLES
the sample history (10pcs)

CALIBRAT
CALIBRATE calibration with samples (1/2-point)

CALIBRAT
CALIBRATION HISTORY the transmitter calibration history

LRV
the lower limit for measuring range (4mA)

URV
the upper limit for measuring range (20mA)

DAMPING
the time constant for output damping (0...60s)

AVERAGE
the time constant for output averaging (1...50Hz)

ALARMTYP
the alarm current (3.7mA or 22.5mA)

Enter

OFFSET
the offset correction for calibration

GAIN
the gain correction for calibration

USERPNTS
the number of points for multipoint calibration

USERMODE
interpolation type for multipoint calib(line, spline)

TEXT
the recipe name

SAMPL 01

SAMPL 09
the stored sample points (1...9)

SAMPLH2O
the water value

01 2013-
the date/time stamped list of calibrations

STATUS
the list of accumulated errors

LOOPTEST
the testing of the mA-loop (4, 20 selected mA)

TRB TRIM
the transmitter calibration in factory units (FU)

ST TRIM
the sensor temperature sensor calibration

LOOPCAL
the calibration of the current loop (mA-out)

I/O TEST
the testing of digital in- and outputs

HARDWARE
the diagnostics for current and I/O-kommunication

LOG
the settings for data-logging

SAMPL 01
SAMPL 09
SAMPLH2O
the list of available sample points for 1/2-point calibration (samples with given laboratory value)

ENTER:
Press ENTER to move to lower level in a menu or to accept a command or parameter value.
UP ARROW:
Use the UP arrow key to move up on the current menu level or to increase the selected parameter value.
DOWN ARROW:
Use the DOWN arrow key to move down on the current menu level or to decrease the selected parameter value.
ESC:
Press the ESC to move back/higher in menu or cancel current action.

BCs221
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15.5.2013

Satron VCT Calibration guide

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Puh. 0207 464 800, Telefax 0207 464 801
www.satron.com, info@satron.com

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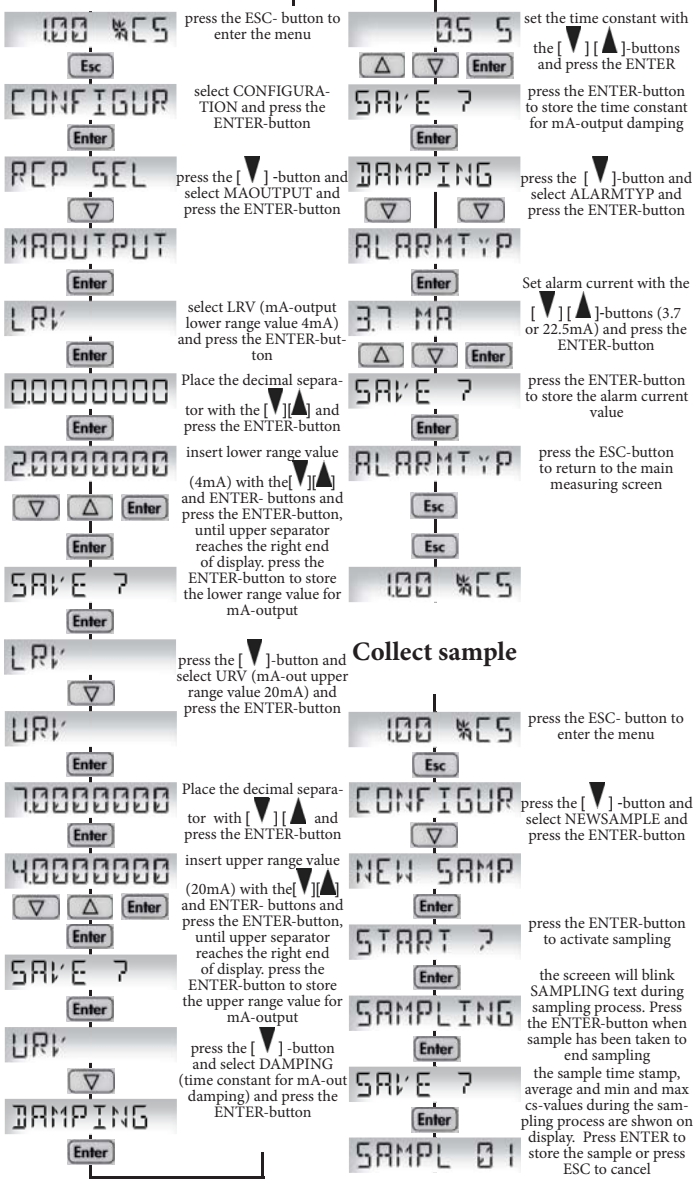
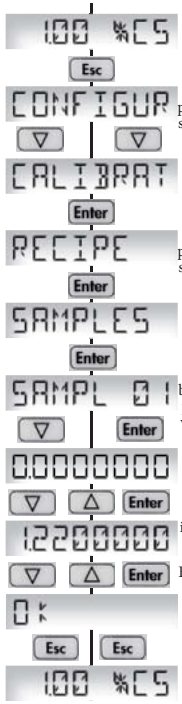
Basic settings

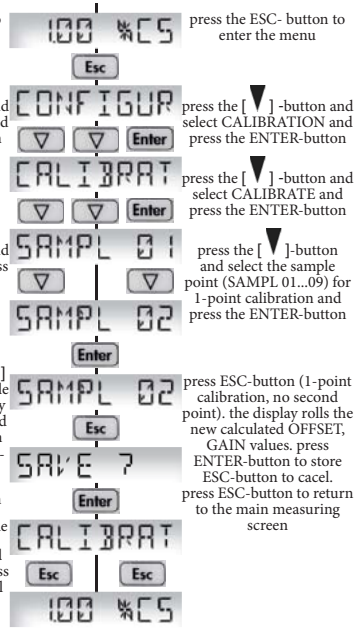


Collect sample

Laboratory values

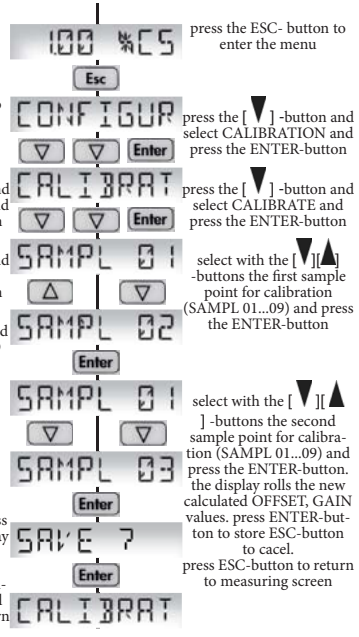


1-Point calibration

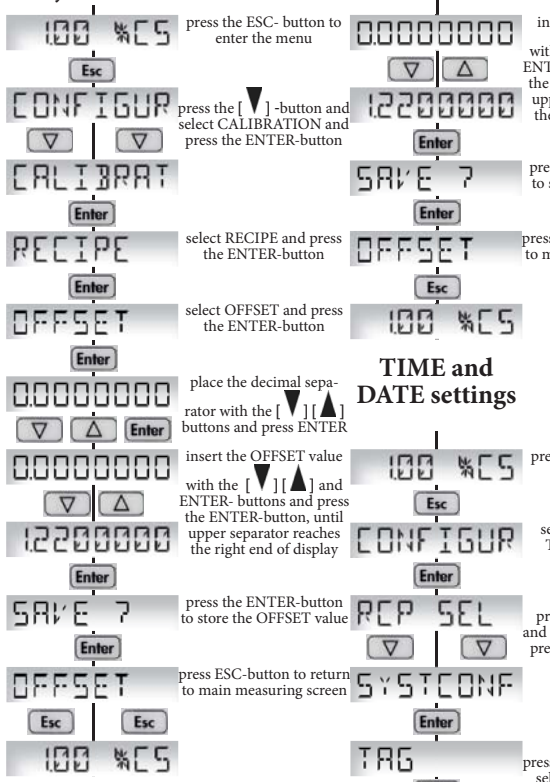


Start-up calibration

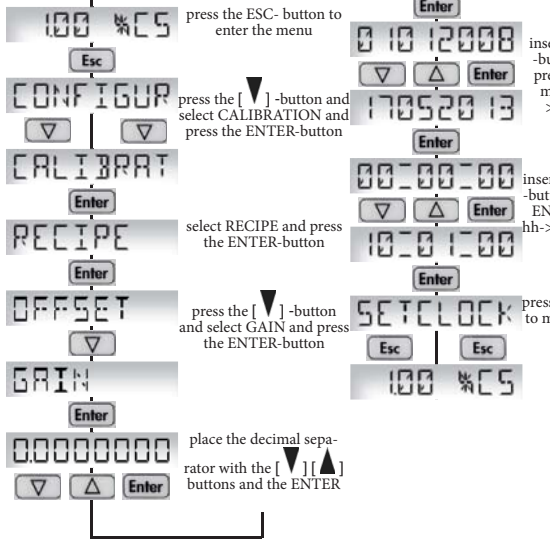
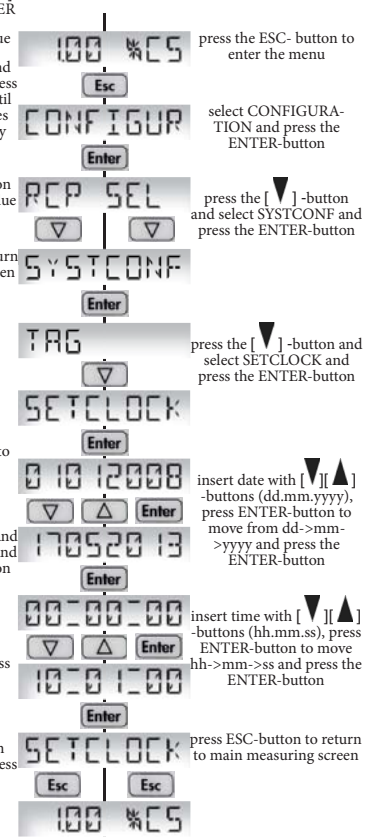
2-Point calibration



OFFSET adjustment



GAIN adjustment



TIME and DATE settings