



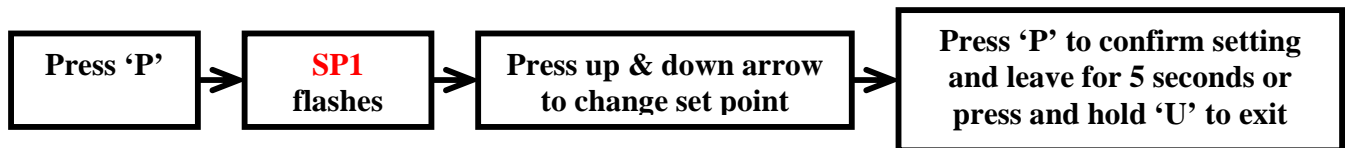
TECNOLOGIC 'K' SERIES UK QUICK PROGRAMMING GUIDE

K85 & K48



This guide should be used alongside the full engineering manual, appropriate to the instrument version being used, where more detailed information can be found.

CHANGING THE SETPOINT



* Other settings such as alarm, temperature and timer values can also be set in the same way, if selected

PROGRAMMING THE INSTRUMENT

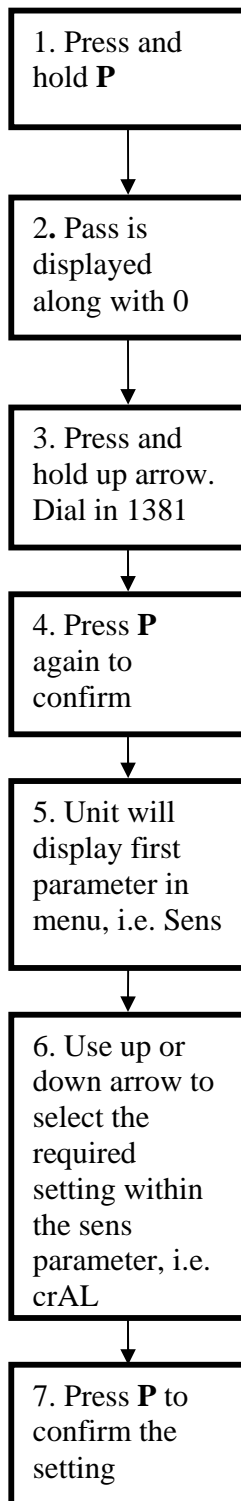
Tecnologic controllers are supplied with default programmable settings that may be suitable for your application. However we recommend that you go through the programming process, as incorrect programming could be hazardous.

PROGRAMMING LEVELS: 381 – Basic with 10 second time out. (Pass number)
400 – Advanced with 10 second time out (see full manual)

***Add 1000 to the pass number to remove time out function. ***

NAVIGATING THE BASIC LEVEL PROGRAMMING MODE

Below is an example of how to change a parameter step by step, in this case the sensor type. This is a blueprint guide for changing all parameter settings on the instrument within the 381 menu.



8. Unit then accepts the chosen setting and moves automatically to the next parameter in menu, i.e. dP. **(Repeat steps 6-7)**

9. To exit programming press and hold U key to return to the displayed temperature.

381 FULL PARAMETER MENU [inclu. manual ref]:

- [2] **SenS**- Sensor/input type
- [3] **dP**- Decimal point select
- [6] **unit**- Engineering unit
- [12] **o1F**- Output function 1
- [15] **o2F**- Output function 2
- [18] **o3F**- Output function 3
- [52] **cont** - Control type
- [53] **Auto** - Auto tuning for PID parameters
- [58] **Pb**- Proportional band value (Deg C)
- [59] **int**- Integral time (seconds)
- [60] **dEr**- Derivative time (seconds)
- [61] **Fuoc**- Fuzzy overshoot control
- [62] **H.Act**- Type of output used for control
- [73] **SPLL**- Minimum adjustable set point value
- [74] **SPHL**- Maximum adjustable set point value
- [75] **SP1**- Control Set Point
- [24] **AL1t**- Alarm 1 type/ function.
- [26] **AL1L**- Minimum adjustable alarm 1 value
- [27] **AL1H**- Maximum adjustable alarm 1 value
- [28] **AL1**- Alarm 1 set point value
- [29] **HAL1**- Alarm 1 hysteresis (Differential)
- [32] **AL2t**- Alarm 2 type/ function
- [84] **tr.F**- Independent timer function
- [89] **Pr.F**- Programmer function
- [117] **diSP** – Display management
- [118] **AdE**- Bargraph deviation

** Please note some parameters will disappear and/or additional parameters will appear depending on settings selected.*