

When purchasing a new F4T you may very well start off with a base model number.

For Example, F4T1L1DAA1D1AAA which will be labelled on the side of the unit:



However, this is just the base model which will require additional modules to be added to meet each individual process requirement.

In this case the original controller base was configured:

Application Type 1 = Standard

Data Logging and Graphic Trend Charts L = Data logging and graphical trend chart

Power Supply Connector, Logo 1 = 100 to 240VAC, Right angle connector, Watlow logo

Profiles and Function Blocks D = 40 profiles, Battery Backup, Real Time Clock, Basic function block

Documentation, Accent Bar, Replacement Connector 1D = No Accent Bar and Quick Start Guide

Control Algorithms 1 = 1 Control Loop, No Cascade Loop

Model Number F4T1L1DAA1D1AAA

As the versatile F4T can be upgraded with software keys to unlock other functionality, an extra control loop

was required & therefore it was upgraded to F4T1L1DAA1D2AAA

Application Type 1 = Standard

Data Logging and Graphic Trend Charts L = Data logging and graphical trend chart

Power Supply Connector, Logo 1 = 100 to 240VAC, Right angle connector, Watlow logo

Profiles and Function Blocks D = 40 profiles, Battery Backup, Real Time Clock, Basic function block

Documentation, Accent Bar, Replacement Connector 1D = No Accent Bar and Quick Start Guide

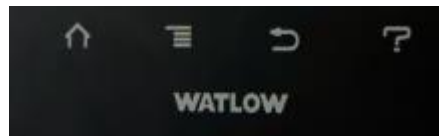
Control Algorithms 2 = 2 Control Loops, No Cascade Loop

Model Number F4T1L1DAA1D2AAA

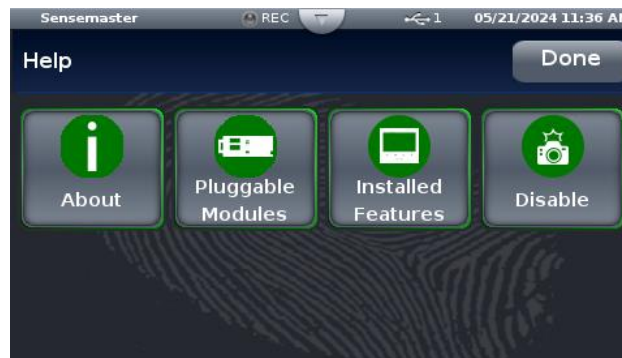
So now we have a new model number that does not match the label.

If updating F4T's it would be prudent to put a new label over the existing label to show the new product code.

However, the controllers code can be found via the front screen by accessing the Question mark logo, on the bottom right of the front of the controller.



This will lead to a sub menu:



Pressing the “I about” key will lead to another sub menu where all the controller’s onboard information can be found, including the current model number after any upgrades:



The base F4T can be populated with pluggable modules to suit various individual process requirements.

In this case the F4T was populated with 5 modules, (Up to 6 can be added):

1 x WATLOW FMMA-UCJA-AAAA in slot 1

Module ID Type M = Mixed I/O

Functions and Inputs U = Universal Input - T/C, RTD 2 or 3-wire, 0-10VDC, 0-20mA

Output Hardware Options CJ - Out1 = Switched dc/open collector:

Out2 = Mech Relay 5A, SPST-NO

Custom Options and Connectors A = Right angle screw connector (standard)

Custom Firmware, Overlay, Presets AA = Standard with quick start guide

1 x WATLOW FMLA-LEJA-AAAA in slot 2

Flex Module High Density FM = Limit Module

Module ID Type L = Module

Functions and Output LEJ - Limit w/ Univ Input, Out1 = Mech Relay 5A SPDT:

1 x WATLOW FMHA-CAAA-AAAA in slot 3

Module ID Type H = High Density I/O

Functions and I/O C = 6 Digital Inputs/Outputs

Custom Connectors & Options A = Right angle screw connector (standard)

Custom Firmware, Overlay, Presets AA = Standard with quick start guide

1 x WATLOW FMHA-JAAA-AAAA in slot 4

Module ID Type H = High Density I/O

Functions and I/O J = 4 Mech Relay 5A, SPST-NO

Custom Connectors & Options A = Right angle screw connector (standard)

Custom Firmware, Overlay, Presets AA = Standard with quick start guide

1 x WATLOW FMMA-UFAA-AAAA in slot 5

Module ID Type M = Mixed I/O

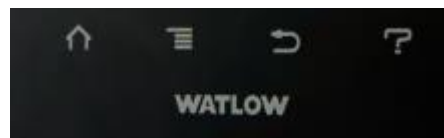
Functions and Inputs U = Universal Input - T/C, RTD 2 or 3-wire, 0-10VDC, 0-20mA

Output Hardware Options FA - Out1 = Universal Process: Out2 = None

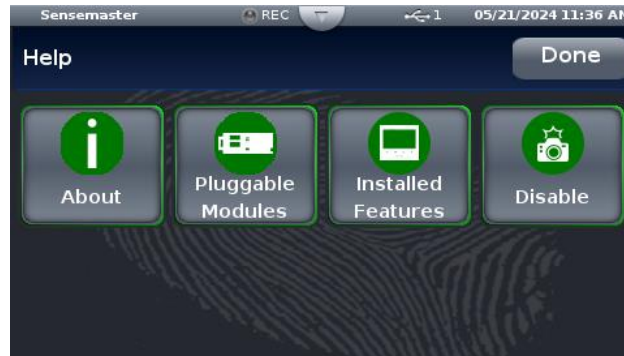
Custom Options and Connectors A = Right angle screw connector (standard)

Custom Firmware, Overlay, Presets AA = Standard with quick start guide

The information on each module can be found again by pressing the question mark logo:



Then the pluggable modules icon:



Which will reveal the list of pluggable modules & their locations:

