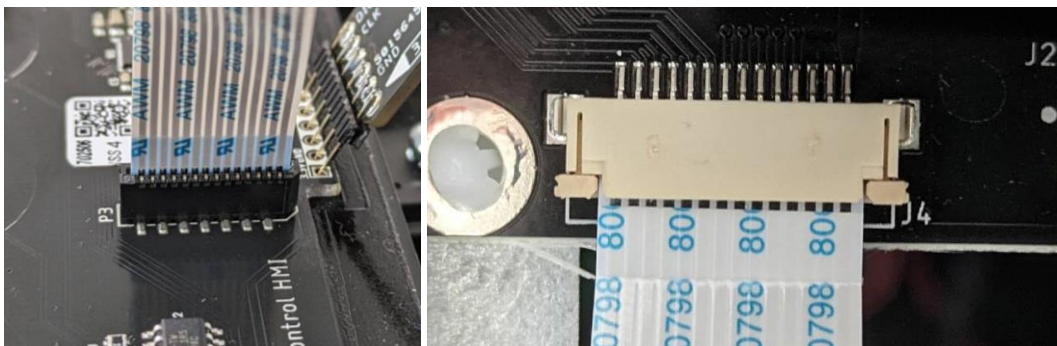


TI 0296 – E4 HMI Programming Key (702962)

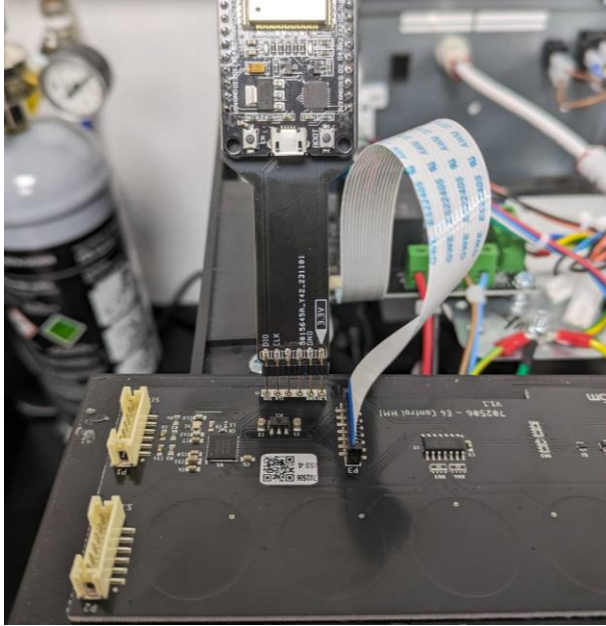
This is a technical instruction for the use of a programming device to be used for the E4 HMI PCB (702506) only.



1. Ensure the unit is OFF by checking the mains power switch at the rear of the unit.
2. Take off the lid by removing the 2 lid screws at the rear of the unit.
3. Remove the HMI lens assembly from the unit completely, carefully disconnect the ribbon cable, Sensor Loom and SensorBeam loom (if fitted).
4. Place the lens on the top left-hand side of the unit, reconnecting the ribbon cable. Double check the ribbon cable connections on both HMI and power board as these can be dislodged.

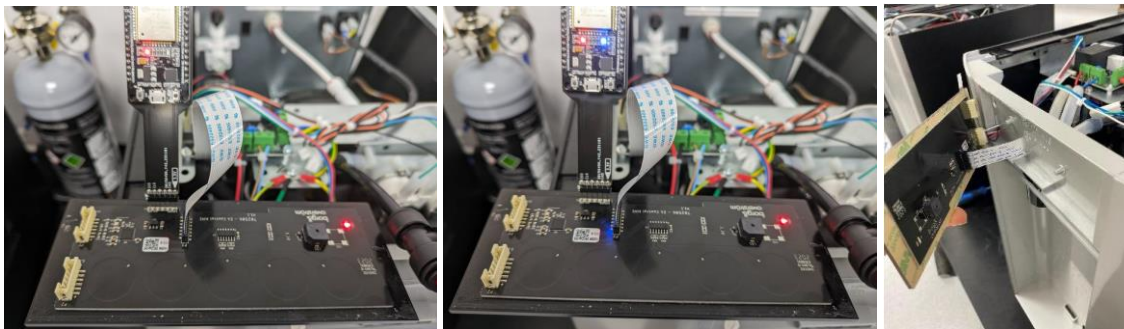


5. Take the programming key and connect it to the HMI PCB as shown below, with the 3.3V pin on the programming key lined up with the corresponding 3.3V slot on the PCB. Lean the Programming key towards the back of the unit.



6. IMPORTANT

- A. Gently apply sustained pressure to the programming key.
- B. Switch on the unit, the HMI will beep and have a solid red warning light present. There should be a solid RED light and a flashing BLUE light on the programming key after the unit has completed its power-up.
- C. Wait at least 30 seconds.
- D. The flashing blue light will turn solid.
- E. The HMI will 'reboot' and perform the power-up sequence. This will beep and have a solid red warning light present.
- F. Power off the unit and remove the programming key.
- G. Disconnect the ribbon cable from the HMI, reconnect both connectors to the PCB through the front panel and press back onto the unit.
- H. Power on the unit, it will now be updated.



- I. Replace the lid.

PLEASE NOTE – If the unit does not power on and function as intended after programming, please repeat the process.