



FARNAM  
CUSTOM PRODUCTS

## MC-5A TEMPERATURE CONTROLLER



A small but powerful control solution for the following heater applications:

- Flex Heaters
- Axial Fan Heaters
- Small Mica Heat Torch
- Small Ceramic Heat Torch
- Small Cool Touch Heaters

### MC-5A Temperature Controller

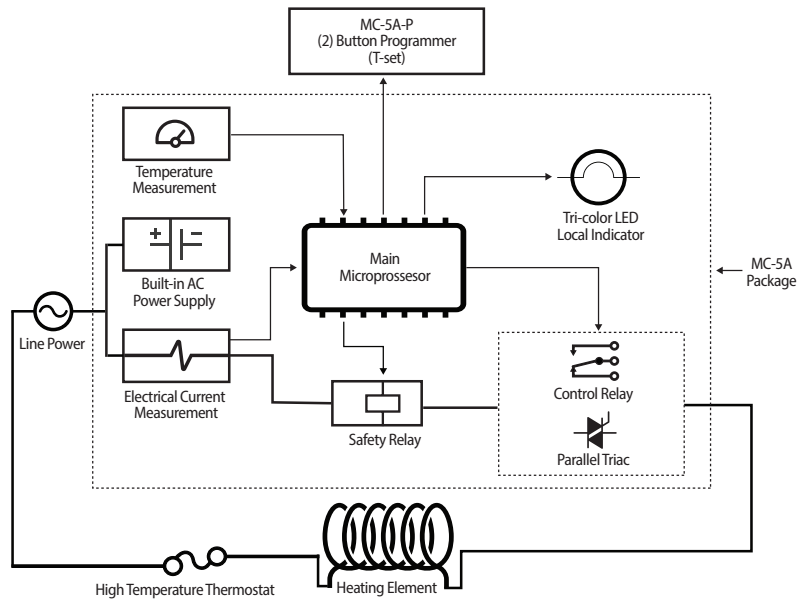
The MC-5A is a compact closed-loop heater controller that's easy to program and connect. The controller can be connected to any 85 - 240 VAC heating products up to 5A and includes a single Type K thermocouple connection.

## MC-5A Specifications

Input Voltage	85 – 240 VAC 50/60 Hz
Maximum Current	5A
Set Point Range	0C – 200C (32F – 392F)
Input Sensor	The female Type K mini connector*
Housing Dimensions	3.51" L X 1.91" W X 1.10" H

The female Type K mini connector on the MC – 5A controller will mate with the provided male mini SMP thermocouple connector on your TUTCO Farnam Custom Products heater.

## MC-5A Controller Schematic



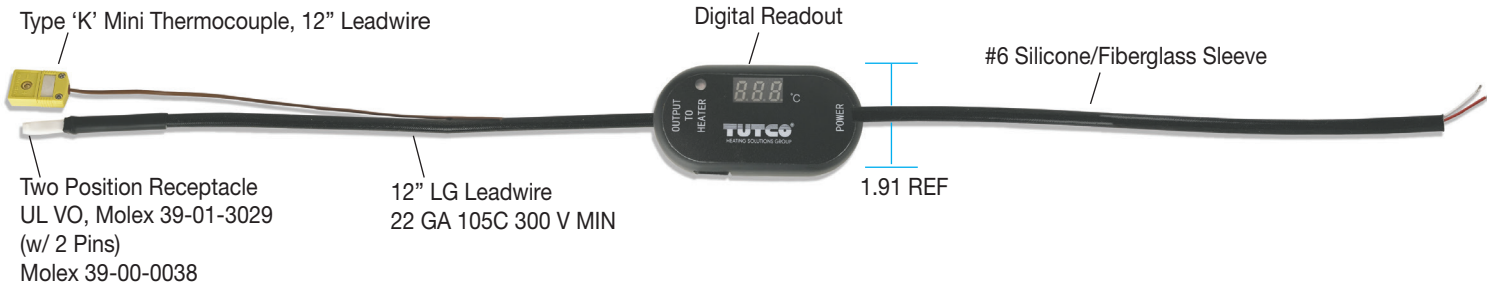
## MC-5A Features and Benefits

A multi-color RGB LED displays operation states, process events, and alarms. The easy to read digital display monitors set point temperature, and process temperature.

The simple two button programming fob is inserted into the RJ-11 jack to enter the required set point temperature. Once finished, the programming fob may be removed from the RJ-11 jack, preventing unauthorized change or tampering of the set point temperature. One single programming fob can be used to program multiple MC – 5A temperature controllers.



For safety, power is automatically removed from the heater when entering programming mode and / or when the temperature exceeds the high limit temperature of 200C.



**For More Information on the MC-5A Controller**

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