

# tekmar® Submittal

## 10K Temperature Simulator 002



Accessories

**C002**

01/11

Replaces: New

Job \_\_\_\_\_ Designer \_\_\_\_\_ Contact \_\_\_\_\_

The 10K Temperature Simulator 002 is designed to be used to test any tekmar control using 10K thermistor sensors. This can be used to troubleshoot controls in the field, or to set up a simulation on a workbench and model control behavior. The main use of this product is to simulate control operation. There are 3 separate sensors that can be simulated using the rotary dials on the 002.



### Specifications

| 10K Temperature Simulator 002 |                                                    |
|-------------------------------|----------------------------------------------------|
| Literature                    | D002                                               |
| Packaged weight               | 0.4 lb. (180 g)                                    |
| Dimensions                    | 4-3/4" H x 2-7/8" W x 1-7/16" D (121 x 73 x 37 mm) |
| Enclosure                     | White PVC plastic with 24" wire, NEMA type 1       |
| Sensor simulation             | NTC thermistor, 10 kΩ @ 77°F (25°C ±0.2°C) β=3892  |
| Yellow                        | 45 to 85°F (7 to 29°C) incremental                 |
| Blue                          | -40 to 90°F (-40 to 32°C) incremental              |
| Red                           | 95 to 230°F (35 to 110°C) incremental              |
| Warranty                      | Limited 3 Year (See D002 for full warranty)        |

### Features

- 3 separate temperature dials to simulate up to 3 sensors
- Works with any tekmar control that uses 10K sensors

### SPECIAL REQUIREMENTS

This simulator is designed to work ONLY with tekmar controls that use 10k sensors.



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