

## Data Sheet

# TPP2 Flat Surface Probe



Celsius (TPP2-C) and  
Fahrenheit (TPP2-F) versions



## Flat surface thermometer probe

Small and portable for those measurements out in the field. Digital displays with 0.1 resolution. Fahrenheit and Celsius versions available. Immersion probe thermometer also available.

- Flat surface contact area
- Temperature to -50 °C to 250 °C (TPP2-C) -58 °F to 480 °F (TPP2-F)

- 0.1 ° resolution in both Celsius and Fahrenheit versions
- Easy to read digital display
- Data hold
- Long battery life 200 hours, typical
- Battery included

### Specifications (23 °C ± 5°, <70 % R.H.)

| Function                         | Range   | Resolution  | Accuracy             |
|----------------------------------|---|-------------|----------------------|
| Display                          | LCD, 3-1/2 digit  |             |                      |
| Overload Display                 | OL or -OL   |             |                      |
| Range                            | -50 °C to 250 °C (-58 to 482 °F)  |             |                      |
|                                  | -50 °C to -20 °C  | 1.0 °C      | ± 3 °C               |
|                                  | -19.9 °C to 49.9 °C   | 0.1 °C      | ± 2 °C               |
|                                  | 50 °C to 199.9 °C   | 0.1 °C      | ± (2 % rdg + 1 °C)   |
|                                  | 200 °C to 250 °C  | 1.0 °C      | ± (2 % rdg + 1 °C)   |
|                                  | -58 °F to -4 °F   | 1.0 °F      | ± 5 °F               |
|                                  | -3.8 °F to 121.8 °F   | 0.1 °F      | ± 1.8 °F             |
|                                  | 122 °F to 391 °F  | 0.1 °F/1 °F | ± (2 % rdg + 1.8 °F) |
|                                  | 392 °F to 482 °F  | 1 °F        | ± (2 % rdg + 2 °F)   |
| Temperature Change/response time |   | > 10 °K/s   |                      |
| Temperature Coefficient          | < 0.1 multiply with tolerance per °C for environment condition 0° to 18 °C and 28 °C to 50 °C |             |                      |

### General Specifications

|                     |  |
|---------------------|--|
| Working Temperature | 0 °C to 50 °C at < 80 % relative humidity            |
| Storage Temperature | 0 °C to 60 °C (32 °F to 122 °F) at RH < 80 %         |
| Power Supply        | 3 V battery, CR 2032, coin cell                      |
| Battery Life        | approximately 200 hours                              |
| Pollution Degree    | IP40   |
| Altitude            | 2000 m (6561 ft)                                     |
| Dimensions          | 40 mm x 30 mm x 160 mm (1.57 in x 1.18 in x 6.29 in) |
| Weight              | approximately 16 g (.56 oz) including battery        |

No waiting.

No shipping  
charges.

No hassle  
warranty



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