

Certificate of Calibration

Temperature +/- 0.05 °C Resistance +/- 0.01% of value NIST Traceable

| | | | | | |
|------------------------------|------------------|-------------------------|----------------|------------------------|--------|
| Customer Name : | Acme LLC | PO Number: | 199721 | Invoice Number: | 12345 |
| Manufacturer : | Thermalogic | Type of Element: | PT-100 | Serial Number: | AZM420 |
| Date of Calibration : | January 26, 2018 | Model Number: | 6112A0203ALP10 | | |

| TEMPERATURE °C | RESISTANCE* Ω |
|----------------|---------------|
| 0 | 100.00 |
| 20 | 107.79 |
| 40 | 115.54 |
| 50 | 119.40 |
| 60 | 123.24 |
| 80 | 130.89 |
| 100 | 138.50 |

| RTD | |
|------------------------|---------|
| Callendar Coefficients | |
| α | .003850 |
| δ | 1.4999 |
| β | 0.10863 |
| IEC751 Coefficients | |

| Wire Details | |
|-----------------|-------|
| Length w. Probe | 10 Ft |
| Gauge | 24 |
| Resistance | 0.5Ω |

| *Lead Wire Information | | |
|------------------------|--|-------|
| x | 2 Wire : The resistance of the full lead wires are included in the results. | |
| | <i>Calculated Single</i> Lead Wire at 25°C: | 0.5 Ω |
| | 3 Wire : The resistance of the lead wires is measured and subtracted from the results. | |
| | <i>Measured Single</i> lead wire at 25°C: | Ω |
| | 4 Wire : The resistance of the lead wires is removed from the results by measuring instrumentation. | |

The undersigned hereby certifies that the sensor specified herein has been characterized and tested in accordance with Thermalogic's quoted specifications. All measurements were performed with NIST traceable equipment and tools and the resistance values shown are true and correct.



NIST

Regards,

Ralph Tenaglia

Quality Assurance Manager