



- Stainless steel construction
- Water tight
- High accuracy up to $\pm 0.1^{\circ}\text{F}$
- Digital output, RS-485 and optional USB
- Ultra-low energy consumption

Model 1707 Digital Temperature Probe



The 1707 digital temperature probe is a compact and low energy consuming IC temperature sensor with RS-485 and optional USB communication ports.

SPECIFICATIONS

Range	41°F to 203°F										
Accuracy	+/- 0.25°F (standard) +/- 0.1°F (optional) ISO 17025 Calibration Certificate (optional)										
Physical Dimensions	1/4" Probe OD Available lengths: 4", 6", 8" & 12" Standard 2' cable (4-wire connection w/shield)										
Power	Requirement: 3.3V~5V Consumption: Max 2mA										
I/O	RS-485 (ASCII) USB 2.0 (Optional)										
Ordering Info	Part Number: 1707 - () - () - () - () <table border="1"> <tr> <td>04 4" Probe (STD)</td><td>0 No Calibration Certificate (STD)</td></tr> <tr> <td>06 6" Probe</td><td>1 w/ ISO 17025 Calibration Certificate</td></tr> <tr> <td>08 8" Probe</td><td>0 without RS485-USB Adaptor</td></tr> <tr> <td>12 12" Probe</td><td>1 with RS485-USB Adaptor</td></tr> </table> <table border="1"> <tr> <td>0 Temp. Acc: +/- 0.25°F (STD)</td><td>1 Temp. Acc: +/- 0.1°F</td></tr> </table>	04 4" Probe (STD)	0 No Calibration Certificate (STD)	06 6" Probe	1 w/ ISO 17025 Calibration Certificate	08 8" Probe	0 without RS485-USB Adaptor	12 12" Probe	1 with RS485-USB Adaptor	0 Temp. Acc: +/- 0.25°F (STD)	1 Temp. Acc: +/- 0.1°F
04 4" Probe (STD)	0 No Calibration Certificate (STD)										
06 6" Probe	1 w/ ISO 17025 Calibration Certificate										
08 8" Probe	0 without RS485-USB Adaptor										
12 12" Probe	1 with RS485-USB Adaptor										
0 Temp. Acc: +/- 0.25°F (STD)	1 Temp. Acc: +/- 0.1°F										