



- Stainless steel construction
- Temperature accuracy up to $\pm 0.1^{\circ}\text{F}$
- Humidity accuracy up to $\pm 1.5\%\text{RH}$
- Digital output, RS-485 and optional USB
- Ultra-low energy consumption

Model 1708

Digital

Relative Humidity and Temperature Probe



The Model 1708 digital relative humidity and temperature probe is a compact and low energy consuming IC sensor with a RS-485 and optional USB communication ports.

SPECIFICATIONS

Range	Temperature: 41°F to 203°F		Humidity: 0%-100%RH																																																	
Accuracy	Temperature : +/- 0.25°F (standard), +/- 0.1°F (optional) Humidity : +/- 1.5%RH (up to 80%RH, 50°F-140°F) +/- 2%RH (all others) 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	<div>Part Number: 1708 - () - () - () - ()</div> <table><tr><td>04</td><td>4" Probe (STD)</td><td></td><td></td><td></td><td></td><td>0</td><td>No Calibration Certificate (STD)</td></tr><tr><td>06</td><td>6" Probe</td><td></td><td></td><td></td><td></td><td>1</td><td>w/ ISO 17025 Calibration Certificate</td></tr><tr><td>08</td><td>8" Probe</td><td></td><td></td><td></td><td></td><td>0</td><td>Temp. Acc: +/- 0.25°F (STD)</td></tr><tr><td>12</td><td>12" Probe</td><td></td><td></td><td></td><td></td><td>1</td><td>Temp. Acc: +/- 0.1°F</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td>without RS485-USB Adaptor</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td>with RS485-USB Adaptor</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	Temp. Acc: +/- 0.25°F (STD)	12	12" Probe					1	Temp. Acc: +/- 0.1°F							0	without RS485-USB Adaptor							1	with RS485-USB Adaptor
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