

# TEMPERATURE PROBE

## SINGLE POINT

## SELF-SUPPORTED

**STANDARD CONSTRUCTION**

**Temperature Element.** 100 ohm platinum RTD or Thermocouple.  
**Temperature Element Sheathing.** 1/4" diameter RTD or 1/2" diameter Thermocouple, 316 stainless steel.  
**Temperature J-Box.** NEMA 4 cast aluminum.  
**Temperature Transmitter.** 2-wire, 4-20mA non-isolated, linearized output. (24 to 40VDC loop power required.)  
**Mounting Plate.** 6" x 6", 316 stainless steel.  
**Support Tube.** 316 stainless steel.

**PERFORMANCE SPECIFICATIONS**

**RTD Element Accuracy.**  $\pm .1 \Omega @ ^\circ\text{C}$ , per SAMA RC21-4-1966.  
**Thermocouple Accuracy.** Per ANSI Circular MC 96.1-1982.  
**RTD Temperature Coefficient (Alpha).** 0.00385  
**Temperature Transmitter Range.** \_\_\_\_\_ to \_\_\_\_\_.

**OPTIONS**

<p><b>Thermocouple Type.</b></p> <p><input type="checkbox"/> K   <input type="checkbox"/> E   <input type="checkbox"/> J</p>	<p><b>Standoff.</b></p> <p><input type="checkbox"/> 9" (standard)</p> <p><input type="checkbox"/> Other _____</p>	<p><b>High Temperature Gasket.</b></p> <p><input type="checkbox"/> Silicone, 200°F to 400°F</p> <p><input type="checkbox"/> Fiber, 400°F to 900°F</p>	<p><b>Transmitter Type.</b></p> <p><input type="checkbox"/> Optically Isolated</p>
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**DIMENSIONAL SPECIFICATIONS**

