

## Models 201 & 203 RTDs with Welded Fittings

Designed for Direct Immersion applications where a male fitting is required for mounting, for use in tanks, stacks, pressure vessels and similar applications. Sensors are supplied with a threaded hex fitting which is welded to the sheath of the RTD providing a pressure seal for process applications where pressure and flow are moderate.

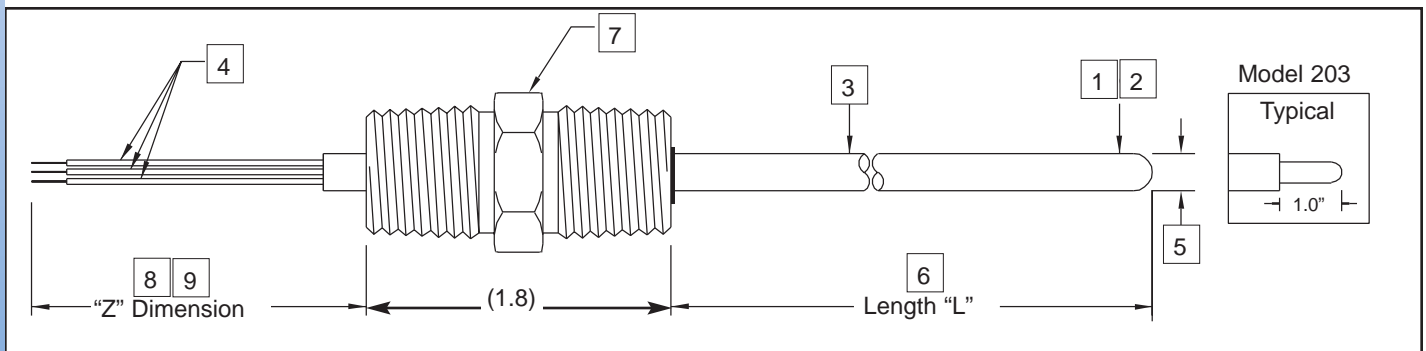


### Model 201

- Refer to Model 101 if mounting fitting is not required.
- Refer to 300 Series if spring loading is required for thermowell applications.

### Model 203 Reduced Tip/Fast Response

- Refer to Model 103 if mounting fitting is not required.



### Specifications:

1. Model	Base Model/Series Number
2. A. Accuracy:	<i>Standard</i> Class B (no code) <i>High</i> Class A (code H) <i>Special</i> Customer Specified (code S) * Industry Standard is DIN Curve (code 01B), Platinum, 100 @ 0°C. Conforms to IEC 751.
B. TCR:	Temperature Coefficient of Resistance is the temperature vs. resistance characteristics of a given metal (Pt, Cu & Ni) used in manufacturing the RTD. Determines the curve of the RTD.
C. Ice Point Resistance:	R <sub>0</sub> - Resistance at 0°C (32°F)
D. Response Time :	Dependent on sheath diameter, the smaller the diameter - the faster the response. See RTD General Specs.
3. Construction:	Code A - 316SS tube and wire construction, thin film element (.00385055) TCR, teflon insulated lead wire. Code C - 316SS tube and wire construction, wire wound element, fiberglass insulated lead wire. Code B & D - Inconel sheathed MgO construction, wire wound element, fiberglass insulated lead wire.
4. Lead Wires:	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>3 - Wire</p> </div> <div style="text-align: center;"> <p>4 - Wire</p> </div> <div style="text-align: center;"> <p>6 - Wire (Dual 3 - Wire)</p> </div> <div style="text-align: center;"> <p>8 - Wire (Dual 4 - Wire)</p> </div> </div>
5. Sheath Diameter:	.250" (1/4") is industry standard. Code C/N for reduced tip design.
6. Sheath Length:	Length from bottom of fitting to tip of sensor.
7. Welded Fitting:	Specify fitting size and style that suits application.
8. Lead Wire Length:	Length of wire beyond the sheath.
9. Lead Wire Protection:	Stainless Steel Overbraid or Stainless Steel Armor. Order length at 3-6" shorter than lead wire length. Example: Z024-X020
10. Water resistant:	Increases moisture protection for humid environments.

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Sample Model Number  
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