

## Product Data Sheet

### 302, 303 Spring Loaded RTD



Designed for applications where a General Purpose Head and a thermowell are required. The spring-loaded action of this RTD ensures proper contact with the tip of the thermowell for maximum heat transfer.

Model 302: A Spring-Loaded temperature sensor intended to be used in a thermowell. Refer to Model 301 for explosion proof connection head applications. Refer to Model 305 if spring-loaded hex fitting is required.

Model 303: A Spring-Loaded, Tip Sensitive temperature sensor. The tip sensitive design is ideal for bearing temperature applications. Refer to Model 304 for cast iron explosion-proof connection head applications. Refer to Model 102 if spring-loading is not required.

## Specifications

NAME	DESCRIPTION
<b>Element Type:</b>	Standard: Platinum, 100 ohms @ 0C (32F), .00385 TCR, (optional Pt R0 and TCRs available)
<b>Accuracy:</b>	Standard: DIN-B (Optional: DIN-A, and others available upon request)
<b>Construction:</b>	Standard: 500°F Service Temperature (Optional: High temperature and rugged constructions available)
<b>Lead Wire Configuration:</b>	Standard: 3 Wire (Optional: 2, 4, 6 or 8 wire)
<b>Sensor Sheath Diameter:</b>	Standard: 1/4" diameter (Optional: 1/8", 3/16", and others available)
<b>Sheath Length:</b>	Typical 1-1/2" to 42" (Custom lengths available)
<b>Lead Wire Length:</b>	Standard: 6". Custom length available
<b>Connections:</b>	Optional: standard and miniature sizes, standard and high temperature ratings
<b>Fittings:</b>	Optional: Compression and spring loaded fittings with various NPT connections
<b>Insulation Resistance:</b>	Greater than 100 Megohms @ 100VDC @ 21C (70F)

## Accessories

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N/A

None