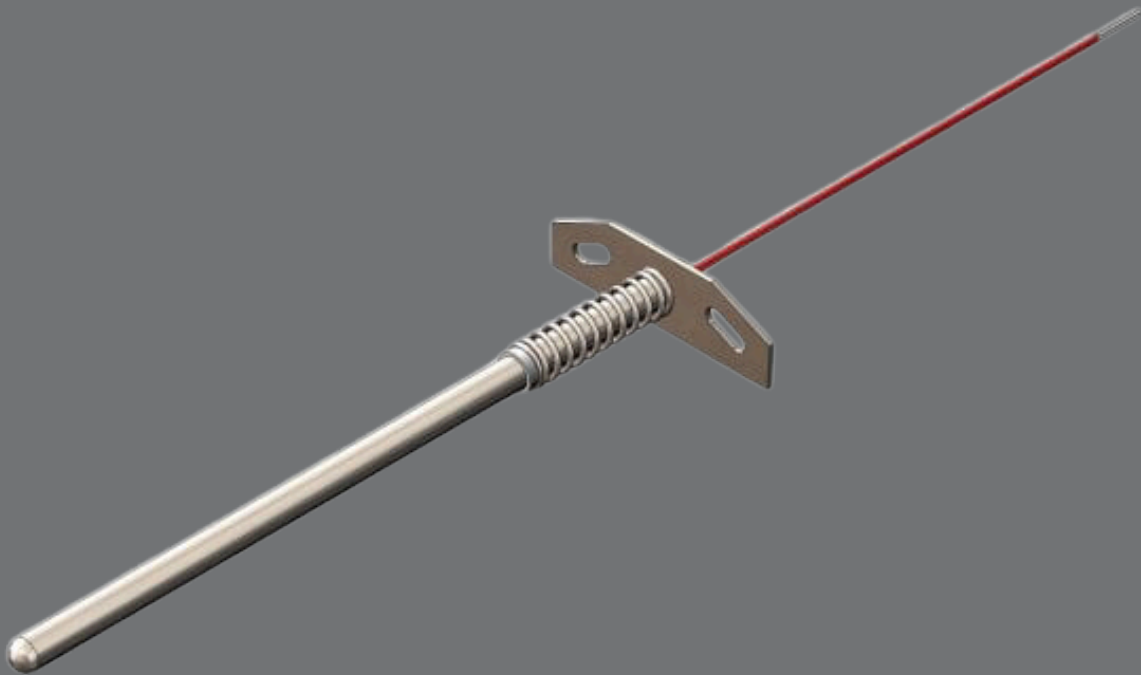


301 and 304 spring loaded RTD



Overview

Designed for applications where a cast iron explosion-proof connection 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.

Key features

- Model 301: Refer to Model 302 for general purpose connection head applications. Refer to Model 305 if spring-loaded hex fitting is needed.
- Model 304: Tip Sensitive temperature sensor. The tip sensitive design is ideal for bearing temperature applications. Refer to Model 303 for general purpose connection head applications.



Technical specification

| Feature | Description |
|-------------------------|---|
| Element type | Standard platinum, 100 ohms @ 0C (32F), .00385 TCR, with optional Pt Ro and TCRs available |
| Accuracy | Standard DIN-B, with optional DIN-A and others available upon request |
| Construction | Standard 500°F service temperature, with optional high temperature and rugged constructions available |
| Lead wire configuration | Standard 3 Wire, with optional: 2, 4, 6 or 8 wire |
| Sensor sheath diameter | Standard 1/4" diameter, with optional 1/8", 3/16" and others available |
| Lead wire length | Standard 6", with custom length available |
| Connections | Options of standard and miniature sizes, as well as standard and high temperature ratings |
| Fittings | Optional compression and spring loaded fittings with various NPT connections |
| Insulation resistance | Greater than 100 Megohms @ 100VDC @ 21C (70F) |

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