



Resistance Temperature Detectors



These RTDs are specifically designed for use in two different process temperature ranges and they provide accurate and repeatable temperature measurement through a range of -328° to 1112°F (-200° to 600°C). Low range wire wound RTDs -328° to 400°F (-200° to 204°C) and low range thin film RTDs -40° to 400°F (-40° to 204°C) are constructed using silver plated copper internal leads, teflon, and other suitable wire insulations with potting compounds to resist moisture penetration. High range RTDs -328° to 1112°F (-200° to 600°C) are constructed with nickel internal leads inside swaged MgO insulated cable to allow higher temperature measurements at the RTD element and to provide higher temperature lead protection along the sheath.

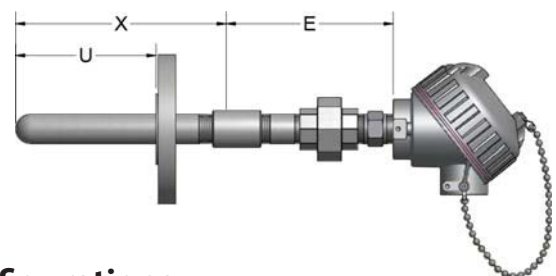
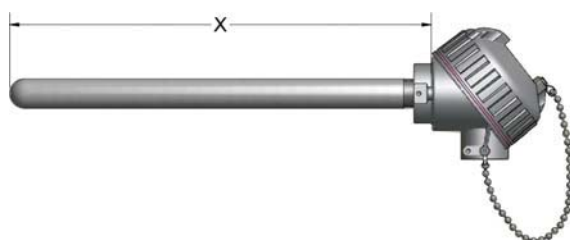
- 1) RTD type (low temp/high temp, accuracy and element type)
- 2) Sheath diameter
- 3) Element connection (2, 3 or 4 wire)
- 4) Sheath length (insertion length)
- 5) Fittings/no fittings/sheath bend options
- 6) Electrical connections and terminations
- 7) Wire type and terminations

View our detailed literature online on how to order, email or call for customer support. Custom built assemblies with non-standard specifications are available upon request.

Sensing element materials and temperature limits:

Platinum : -450°F to 1200°F
Nickel : -150°F to 600°F

Copper : -100°F to 300°F
Nickel/Iron : 32°F to 400°F



Please call for all RTD configurations.