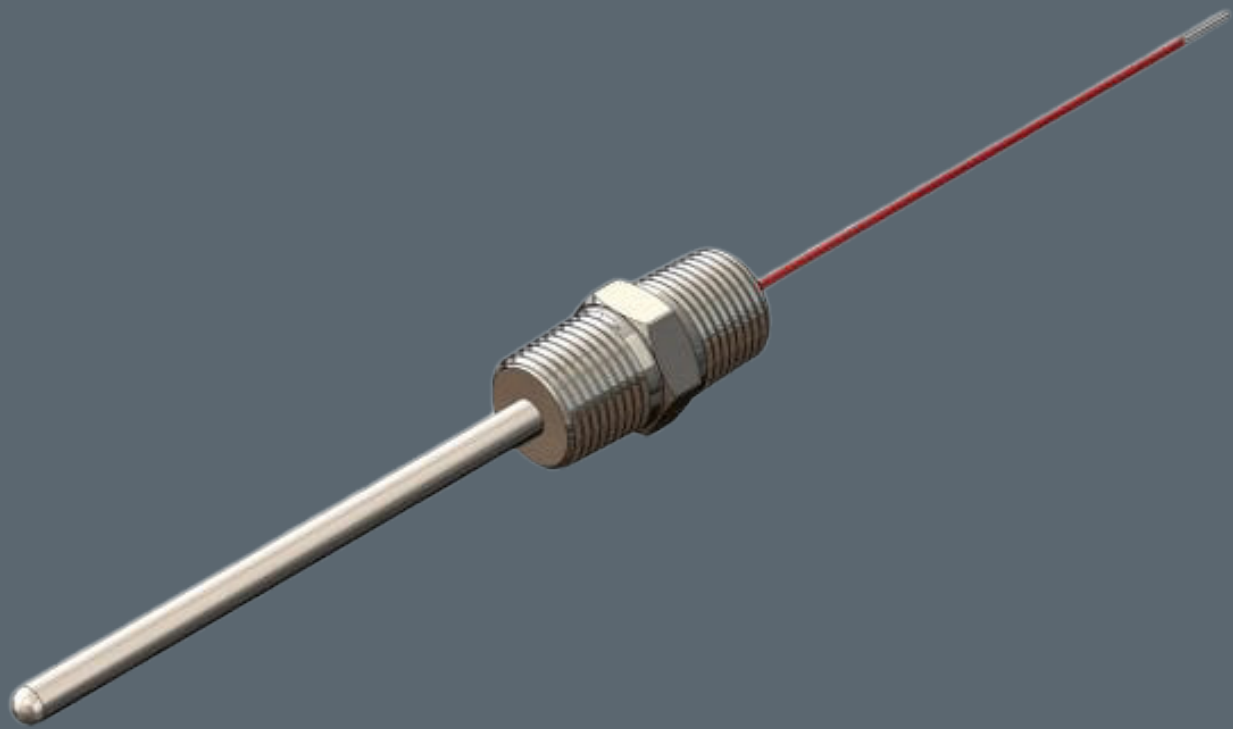


# 110 field cuttable RTD



## Overview

Designed for applications where a threaded male fitting is required for mounting in tanks, stacks and pressure vessels.

Stocking 'cuttables' can reduce inventory

Less downtime, as the 110 can be easily cut to the required length in the field and the fitting installed in a matter of minutes.

Model 110 is designed to be used with optional connector or spring-loaded fitting.

# Technical specification

Feature	Description
Element type	Standard platinum, 100 ohms @ 0C (32F), .00385, TCR, with optional Pt1000 and TCRs available
Accuracy	Standard DIN-B, with DIN-A and others available upon request
Construction	Standard 500°F service temperature, with a 900°F option available
Lead wire configuration	Standard 4 Wire, with optional 6 or 8 wire
Sensor sheath diameter	Standard 1/4" diameter, with options of 1/8", 3/16", and others available
Sheath length	Standard 24", custom sizes available
Lead wire length	Standard 6", custom length available
Lead wire protection	Optional stainless steel overbraid, stainless steel armor
Connections	Optional standard and miniature sizes, standard and high temperature ratings
Fittings	Optional compression and spring loaded fittings with various NPT connections
Tube cutter	Ultra Energy tube cutter
Insulation resistance	Greater than 100 Megohms @ 100VDC @ 21C (70F)

## About Ultra Energy

Organizations working with nuclear and industrial technologies must deliver reliable production at the same time as safeguarding people, the environment and infrastructure. We develop and manufacture measurement and control solutions that give our customers complete, long-term control over systems operating in harsh environments, helping them operate safely and increasing the value derived from their investments over their total lifespan.

Part of Ultra Group, a global electronics company, Ultra Energy has worked with nuclear and industrial customers for over 60 years. We support customers across the world from facilities located in the US and UK. Our solutions are embedded in strategic national infrastructure and our people are active partners in customer programs that are focused on delivering advanced future nuclear and industrial capabilities.

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