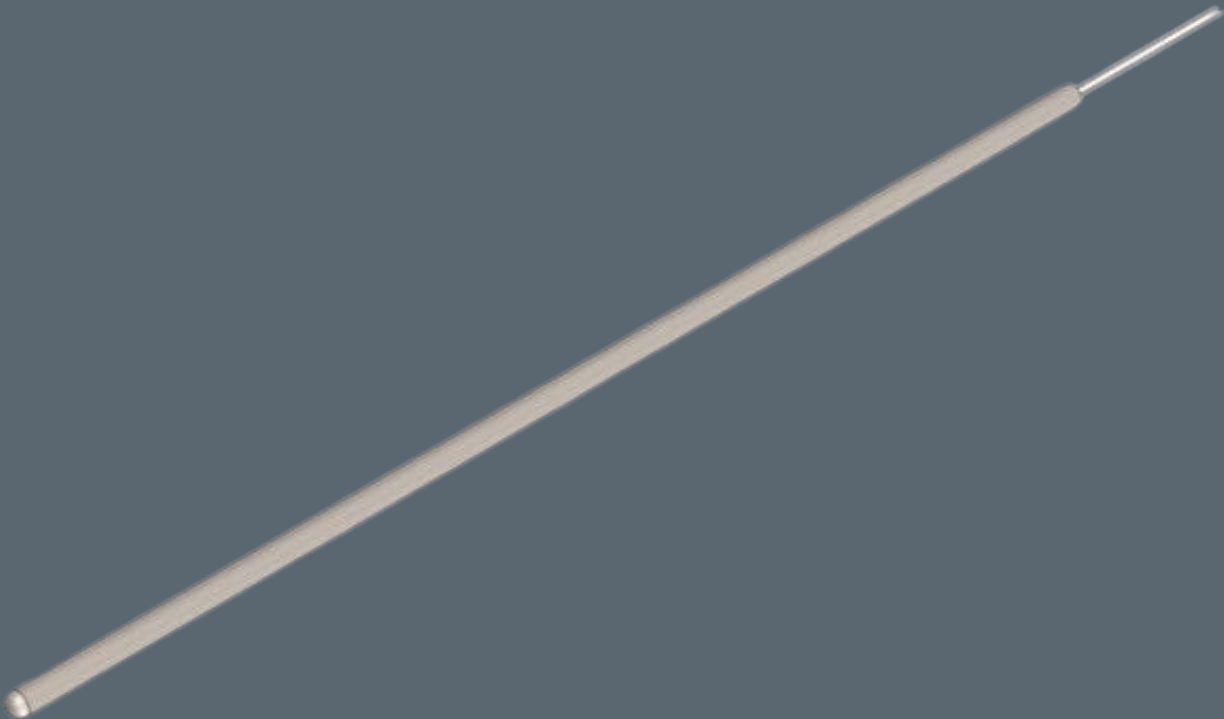


Model 101 and 103 general purpose thermocouples



Overview

Model 101 is a Straight Sheath temperature sensor. Refer to Model 201 if welded fitting is required and the 300 Series if spring loading is required.

Model 103 is a reduced tip/fast response temperature sensor. Refer to Model 203 if welded fitting is required.

Technical specification

Feature	Description
Element type	Standard Type K -328 to 2300°F, and other types J, T, E and N
Accuracy	ANSI Special Limits of Error is standard
Junction	Standard ungrounded, with grounded, exposed optional
Construction	Inconel sheathed standard MgO construction, with option of 316SS tubing or MgO
Lead wires	Optional single 24" insulated
Sheath diameter	Standard .250" diameter, with options of 1/8", 3/16" and others
Connections	Optional make plug sensor
Accessory	Optional compression and spring loaded fittings with various NPT connections

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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