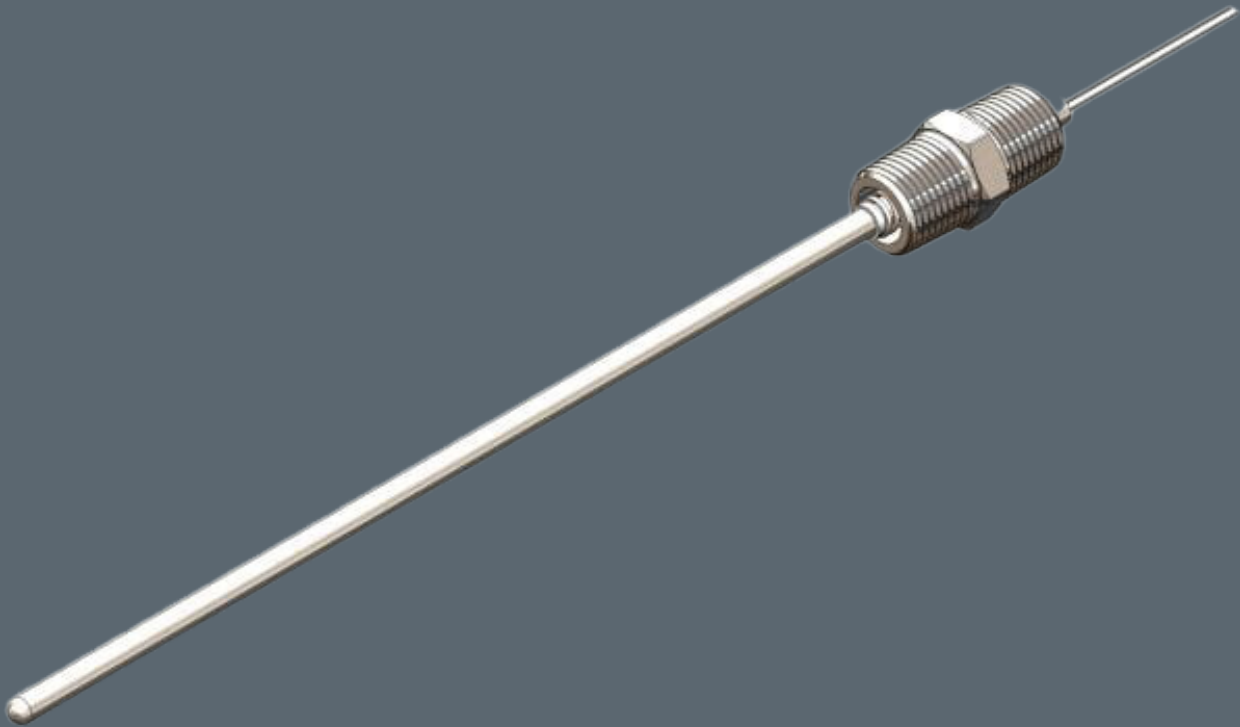# ULTRA | Energy

Weed Instrument

305 spring loaded thermocouple

Overview

Designed for applications where a spring-loaded threaded male fitting is required for mounting.

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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 MgO construction, fiberglass insulated lead wire
Lead wires	Standard single 24" with no head
Sheath diameter	Standard .250" diameter, with options of 1/8", 3/16" and others
Fittings	Standard 1/2" x 1/2" NPT hex spring loaded nipple
Lead wire protection	Optional stainless steel overbraid, stainless steel armor
Accessory	1/2" NPT spring loaded hex fitting kit (310)

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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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