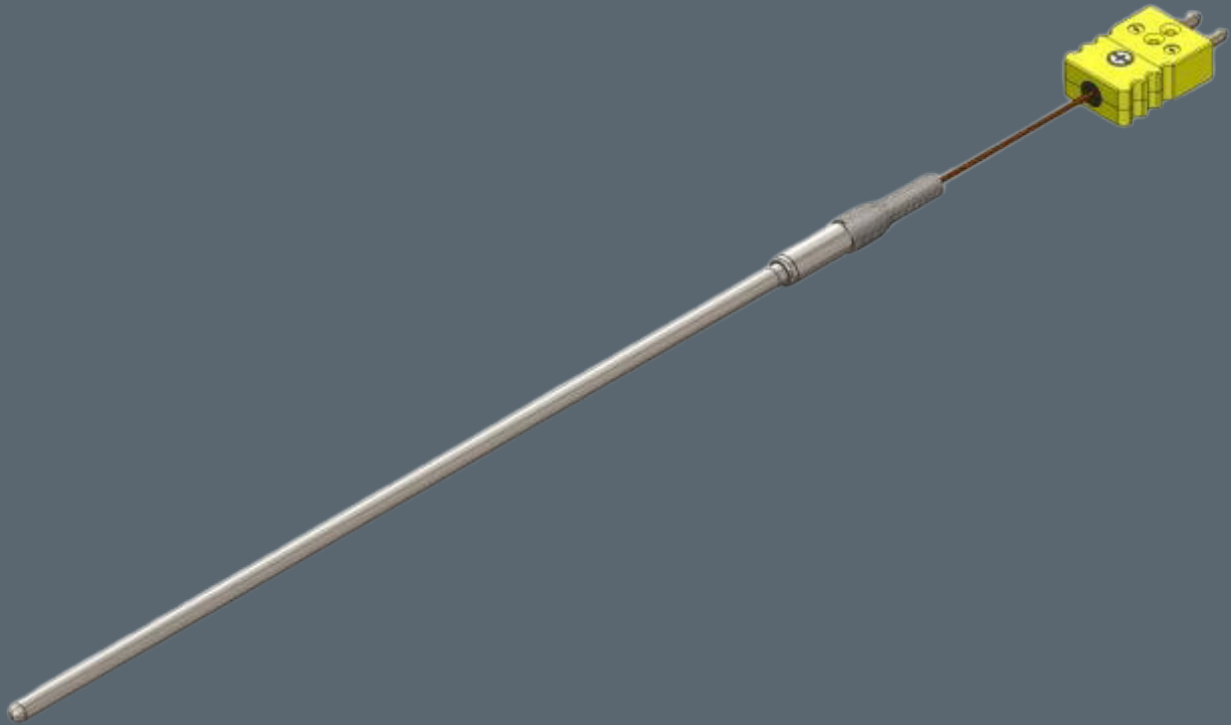


783 MgO thermocouple assembly extension plug

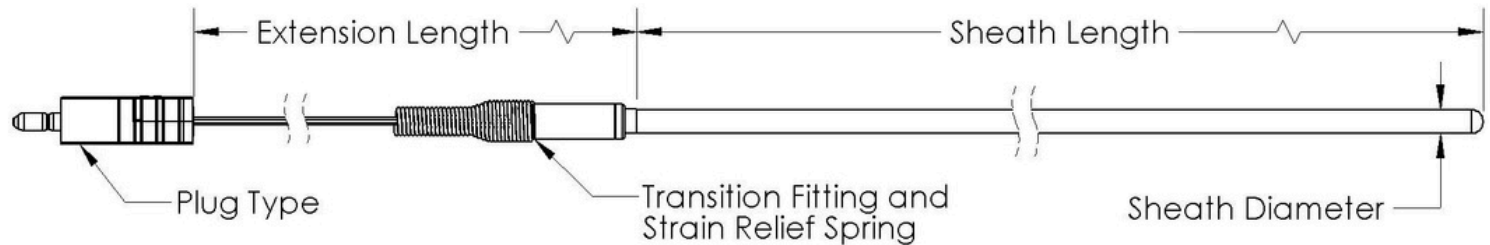


Overview

Mineral insulated (MgO) thermocouple assemblies are metal sheathed, magnesium oxide insulated temperature sensing elements. These small, compact units are moisture proof, non-porous, and pressure resistant. They are available with single or dual elements and are noted for accuracy and fast response. These thermocouple assemblies come in a large variety of sheath materials and calibrations. Installation is made easier because mineral insulated thermocouple assemblies are bendable to practically any contour. The metal sheath is made of durable alloys and can be welded.

Technical specification

Feature	Description
Sensor type	MgO thermocouple
Diameter	1/16", 1/8", 3/16", 1/4", 5/16", 3/8"
ANSI calibration	K, N, J, E, T
Accuracy	Standard limits of error, special limits
Sheath material	304, 316, 310, Inconel 600, 446, Hastelloy
Junction	Ungrounded, grounded, exposed
Number of circuits	1, 2
Extension wire	Glass/glass insulated
Termination	Standard or mini plug, standard temperature or high temperature
Accessories	<ul style="list-style-type: none">• Mating connector: Standard jack or mini, standard temperature or high temperature• Cable clamp: yes, no• Compression fitting: 1/8" NPT, 1/4" NPT, 3/8" NPT, 1/2" NPT



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 Curtiss-Wright, 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.

United States of America

707 Jeffrey Way
Round Rock
Texas 78665-2408
USA

Tel: +1 512-434-2800

United Kingdom

Innovation House
Lancaster Road
Ferndown Industrial Estate
Wimborne
Dorset BH21 7SQ
UK

Tel: +44 (0) 1202 850 450

For more information

Web: ultra.energy
Email: sales@ultra.energy