

701 MgO plain stripped ends thermocouple assembly

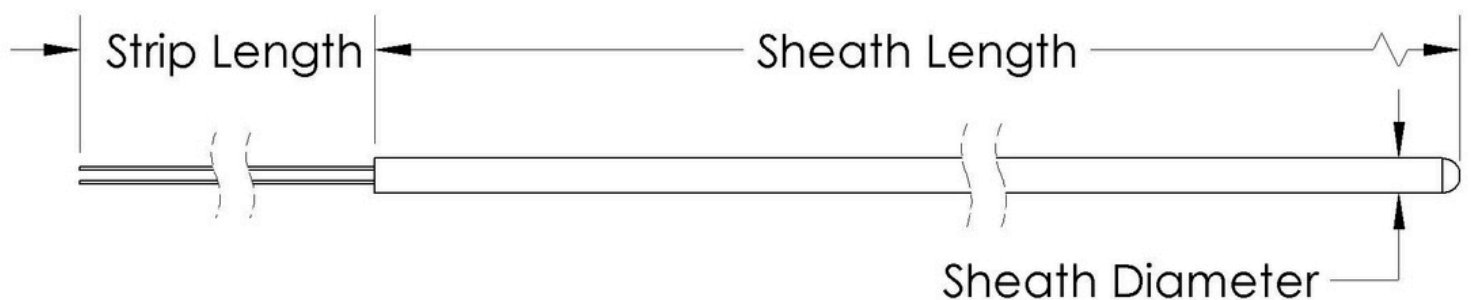


Overview

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", 1/2"
ANSI calibration	K, N, J, E, T
Accuracy	Standard limits of error, special limits of error
Sheath material	304, 316, 310, Inconel 600, 446, Hastelloy
Junction	Ungrounded, grounded, exposed
Number of circuits	1, 2
Termination	Standard bare strip 2" long, with other lengths available
Accessories	<ul style="list-style-type: none"> • Terminal head: cast iron, aluminum, plastic • Connector: standard plug, standard jack, mini jack, standard temperature, high temperature • Compression fitting: 1/8" NPT, 1/4" NPT, 3/8" NPT, 1/2" NPT



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: cwic.curtisswright.com

Email: sales@nspi.curtisswright.com

About Curtiss-Wright

Curtiss-Wright Round Rock and Wimborne have 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.

Curtiss-Wright Corporation (NYSE: CW) is a global integrated business that provides highly engineered products, solutions and services mainly to Aerospace & Defense markets, as well as critical technologies in demanding commercial power, process and industrial markets. We leverage a workforce of approximately 8,600 highly skilled employees who develop, design and build what we believe are the best engineered solutions to the markets we serve. Building on the heritage of Glenn Curtiss and the Wright brothers, Curtiss-Wright has a long tradition of providing innovative solutions through trusted customer relationships.