

783 MgO thermocouple assembly extension plug

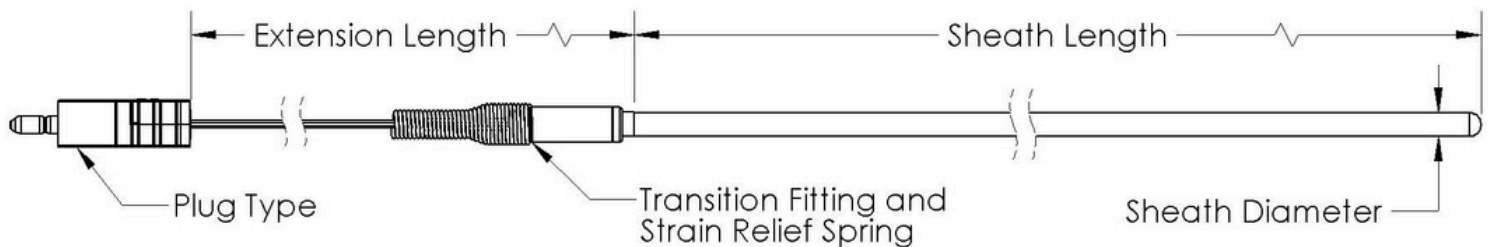


Overview

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



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