

MGO Thermocouples

Thermo Sensors MGO thermocouple insulation materials feature Cerampak. These MGO thermocouples are recommended where the thermocouple is immersed in liquids, high moisture, corrosive gases, or high pressures.

Cerampak is a densely compacted ceramic which is very versatile. This weldable and flexible material can withstand temperatures from cryogenic to 2300°F as well as pressures from vacuum to 60,000 psi.



A wide variety of design, sheath material and diameter selections are available to suit application conditions. A variety of heads, connectors or flexible leads can be specified for the termination.



Please refer to our order guide to assist in determining your needs. We can also provide technical design assistance and application suggestions. Give us a call.

Mounting Fittings/Miscellaneous Options

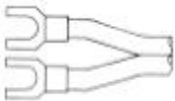

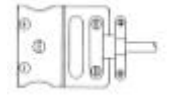
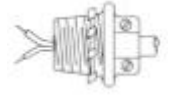
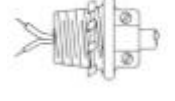
Table 5



Stainless Steel Adjustable Mounting Fittings			
Compression Type (One time adjustable)		Compression Type (Readjustable)	
 npt Metal Collets		 npt Teflon Collets	
Mounting NPT	Order Code	Mounting NPT	Order Code
1/8" NPT	1AS	1/8" NPT	1RS
1/4" NPT	2AS	1/4" NPT	2RS
3/8" NPT	3AS	3/8" NPT	3RS
1/2" NPT	4AS	1/2" NPT	4RS
*3/4" NPT	6AS	*3/4" NPT	6RS

*3/4" npt compression type fittings are supplied as smaller npt fittings bushed to 3/4" npt.

Note: Fittings furnished may not have the same physical appearance as illustrated above, but will be functionally equal.

A Leading Manufacturer of Quality Thermocouple and RTD Assemblies Since 1972

Extended Leads / Lead Terminations		Order Code
	Spade lugs for No. 8 screw.	L
	Male plug.	M (400 F)
		HM (800 F)
	Female jack.	F (400 F)
		HF (800 F)
	1/2" npt "BX" connector (not watertight).	BX
	Water tight connector for conduit installation. (Neopren sealant).	1/2" npt W1
		3/4" npt W3

Miscellaneous Options		
<p>A) Bends: To specify a 90 bend along the "L" length; Add "- 90 B (Length from Tip) Example: 90 B8 for a 90° bend 8" from tip.</p>		
<p>B) High Temp Potting: To specify a higher temperature than the 300° F. rated material in the transition, Add the following suffix: For 400° F Epoxy: -EII For 1000° F Cement: -HTC</p>		
C) Adjustable spring "FP-275"	Order Code	FP 275
		
D) Adjustable spring loaded fitting	Order Code	SSL
		
E) Adjustable spring-loaded fitting	Order Code	FP 240
