

Mineral Insulated Thermocouple Probe

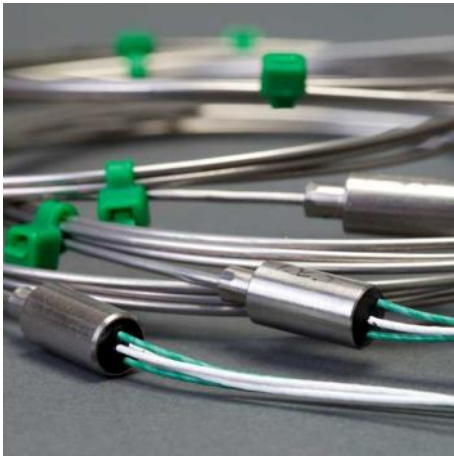
Product Code:
MIT

Description:

Mineral Insulated thermocouples are useful where flexibility and/or long lengths are required.

They are manufactured from ready made, stock lengths of sheathed thermocouple wire which is held in compacted Magnesium Oxide (MgO). Available in a wide range of diameters, sheath materials and thermocouple types, to suit any application.

Mineral Insulated PT100's also available, see data sheet 052.

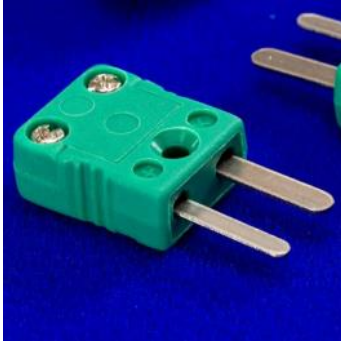


Specification:

SHEATH MATERIAL	316, 310, 321 stainless steel, Inconel 600 and 800
SHEATH DIMENSIONS	Diameter : 0.5mm to 10.8mm, Imperial sizes available Length: 100mm to as required
THERMOCOUPLE SENSOR	Single, duplex or triplex (dependant on sheath diameter) elements. Type: T (Cu/Con), E (NiCr/Con), J (Fe/Con), K (NiCr/ NiAl) or N (Nicrosil/Nisil) to BS EN 60584-1:2013. Temperature Range (dependant on material type): 50 to +1,300°C (-58 to +2,372°F)
FLYING LEAD	100mm minimum, PTFE insulated
OPTIONAL EXTRAS	Compression fittings available (MSC) Mini (MMC) or standard (SMC) thermocouple connectors Ceramic terminal block Terminal Head Temperature transmitters

Datasheet : 051

Accessories



Mini Thermocouple Plug and Socket



Standard Thermocouple Plug and Socket



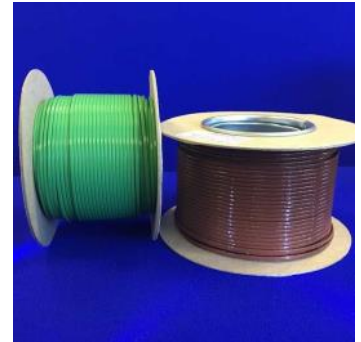
Conax Soft Sealant Glands



Range of PR Transmitters



Compression Fittings



Thermocouple Cable