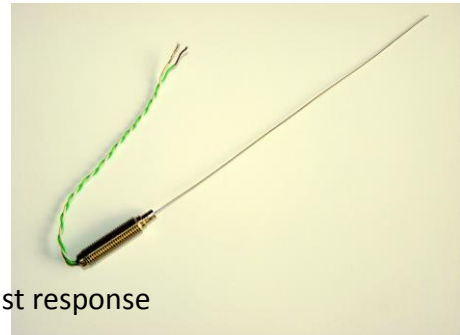


IEC Mineral Insulated Thermocouples – 0.5mm Grounded Junction for Fast Response

Fast response Type 'K' Thermocouple with grounded hot junction, 310 stainless steel threaded pot seal & tails



- Mineral insulated Type 'K' Thermocouple
- 0.5mm diameter
- Hot junction of thermocouple grounded to outer sheath for very fast response
- 310 stainless steel sheath
- Highly flexible, sheath can be bent/formed to suit many applications and processes
- Probe temperature range -40°C to +750°C
- M8 x 1.0mm fine pitch threaded pot seal (200°C)
- 100mm tails, PFA Teflon® twin twisted 7/0.2mm
- Conforms to IEC 584

Specifications

Sensor type:	Type 'K' Nickel Chromium/Nickel Aluminium to IEC 584-1&2
Construction:	Flexible mineral insulated probe with 310 stainless steel or Inconel® Alloy 600 sheath with M8 x 1.0mm fine pitch threaded pot seal & tails
Sheath composition:	310 stainless steel (25/20 chromium nickel steel)
Termination:	Element/hot junction: Single element, hot junction grounded to sheath 100mm PFA Teflon® twin twisted 7/0.2mm tails, +green/-white colour coded in accordance with IEC 584-3
Probe temperature range:	-40°C to +750°C
Pot seal rating:	200°C

310 stainless steel: Good corrosion & oxidation resistance to suit a wide range of processes, satisfactorily operates in sulphur bearing atmospheres

Typical applications include brick & cement kilns, glass industry, heat treatment & annealing furnaces, power stations, flues, heat exchangers etc.

T/C Type	Probe Dia. (mm)	Probe Length (mm)	Sheath	T/couple junction	+Positive tail wire	-Negative tail wire	order code
K	0.5	150	310SS	Grounded	Green	White	XF-1045-FAR

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