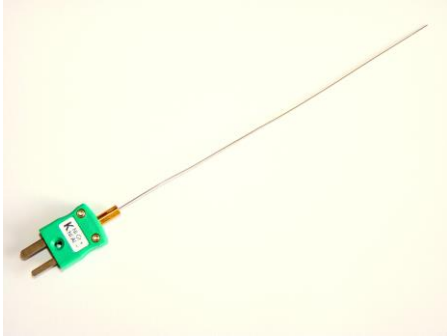


## IEC Mineral Insulated Thermocouple with Miniature Thermocouple Plug Type K (Grounded Junction)

Fast response Type 'K' Thermocouple, 0.5mm diameter with grounded hot junction



- Mineral insulated Type 'K' Thermocouple
- 310 stainless steel sheath
- Grounded hot junction
- Highly flexible, sheath can be bent/formed to suit many applications and processes
- 0.5mm diameter
- Hot junction of thermocouple grounded to outer sheath for very fast response
- Probe temperature range -40°C to +750°C
- Miniature plug termination (200°C)
- Conforms to IEC 584 specification

### Specifications

Sensor type:	Type 'K' (Nickel Chromium/Nickel Aluminium) to IEC 584
Construction:	Flexible mineral insulated probe with 310 stainless steel sheath
Element/hot junction:	Single element, hot junction grounded to sheath
Termination:	Miniature flat pin plug, colour coded 'green' in accordance IEC 584
Probe temperature range:	-40°C to +750°C
Plug temperature range:	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	Thermocouple junction	order code
K	0.5	150	310SS	Grounded	<b>XF-1046-FAR</b>
K	0.5	250	310SS	Grounded	<b>XF-1047-FAR</b>