

Datasheet

# IEC 2mm Mineral Insulated Thermocouples with Threaded Pot

Type 'K' with threaded pot & tails – 310 stainless steel

- Mineral insulated Type 'K' Thermocouple
- Highly flexible, sheath can be bent/formed to suit many applications and processes
- 2.0mm diameter fast response probe
- Insulated hot junction
- Probe temperature range -40°C to +1100°C
- M8 x 2.0mm pitch threaded pot seal (200°C)
- 100mm tails, PFA twin twisted 7/0.2mm, colour coded to IEC 584



### Specifications

Sensor type:	Type 'K' (Nickel Chromium/Nickel Aluminium) to IEC 584
Construction:	Flexible mineral insulated probe with 310 stainless sheath with M8 x 2.0mm pitch threaded pot seal & tails
Element/hot junction:	Single element, junction insulated from sheath (offers protection against spurious electrical signals)
Termination:	100mm PFA twin twisted 7/0.2mm tails, +green/-white colour coded in accordance with IEC 584
Probe temperature range:	-40°C to +1100°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)	+Positive tail wire	-Negative tail wire	Allied code	RS order code
K	2.0	150	Green	White		136-5894
K	2.0	250	Green	White		136-5895