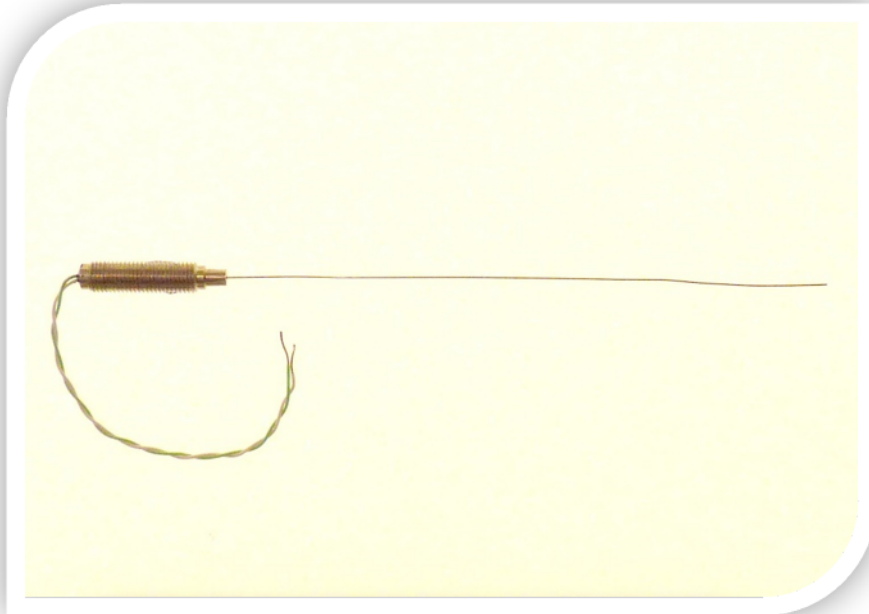


Type 'K' 0.5 Diameter with threaded pot & tails



- Mineral insulated Type 'K' Thermocouple
- Choice of 310 stainless steel or Inconel® Alloy 600 sheath
- Highly flexible, sheath can be bent/formed to suit many applications and processes
- 0.5mm diameter fast response
- Insulated hot junction
- Probe temperature range -100°C to +800°C
- M8 x 1.0mm fine 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 steel or Inconel® Alloy 600 sheath with M8 x 1.0mm fine 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:	Sensor Range -100 to 800 degC
Pot seal rating:	200°C

Type 'K' 0.5 Diameter with threaded pot & tails



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	Junction	Probe Length (mm)	Sheath	tail wire +/-	Manufacturer's Part Number	Rapid Part Number
K	Insulated	150	310SS	Green/White	XE-3281-001	61-3131
K	Insulated	250	310SS	Green/White	XE-3282-001	61-3132
K	Insulated	500	310SS	Green/White	XE-3284-001	61-3133
K	Grounded	150	310SS	Green/White	XE-3291-001	61-3135
K	Grounded	250	310SS	Green/White	XE-3292-001	61-3136
K	Grounded	500	310SS	Green/White	XE-3294-001	61-3137

Inconel® Alloy 600: Excellent oxidation resistance to 1100°C (not suitable for sulphur bearing atmospheres above 550°C)
 Typical applications include heat treatment processes, annealing furnaces, chemical reactors, man -made fibre & synthetic material production, steam boilers, paper industry etc.

T/C Type	Junction	Probe Length (mm)	Sheath	tail wire +/-	Manufacturer's Part Number	Rapid Part Number
K	Insulated	500	ALLOY 600	Green/White	XE-3289-001	61-3134
K	Grounded	500	ALLOY 600	Green/White	XE-3299-001	61-3138