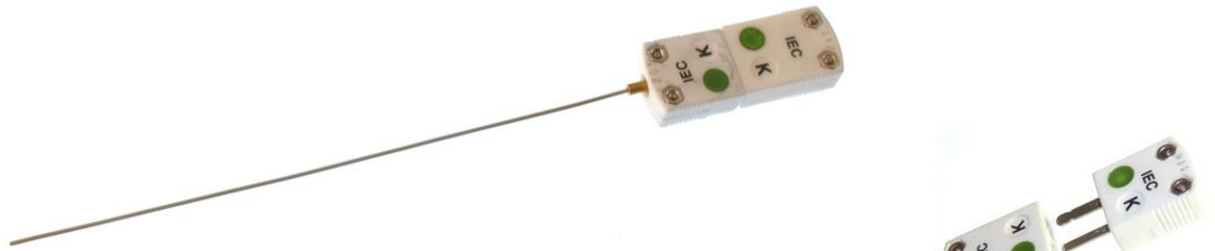


Datasheet

IEC Type K Mineral Insulated Thermocouple with Ceramic Thermocouple Plug & Socket

Type 'K', either 1.0, 1.5 or 3.0mm diameter with insulated hot junction (un-grounded)



- Mineral insulated Type 'K' Thermocouple
- 310 stainless steel sheath
- Highly flexible, sheath can be bent/formed to suit many applications and processes
- Diameters include 1.0, 1.5 & 3.0mm
- Insulated hot junction
- Probe temperature range -40°C up to +1100°C
- Supplied with a miniature ceramic plug (fitted) and socket (loose) (650°C)
- connectors are White with colour coded dot on body
- 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, junction insulated from sheath (offers protection against spurious electrical signals)
Termination:	Miniature ceramic plug, white with green dot, in accordance IEC 584
Probe temperature range:	-40°C to +1100°C for 1.5 & 3.0mm diameters -40°C to +750°C for 1.0mm diameter
Plug temperature range:	650°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.

Order codes:

T/C Type	Probe Dia. (mm)	Probe Length (mm)	Sheath	Thermocouple junction	Order code
K	1.0	300	310SS	Insulated	XF-1906-FAR
K	3.0	150	310SS	Insulated	XF-1939-FAR