

Mineral Insulated Thermocouples

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



- 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, 3.0 & 6.0mm
- Insulated hot junction
- Probe temperature range -40°C to +1100°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 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:	-40°C to +1100°C >1.0mm diameter -40°C to +750°C – 1.0mm diameter and below
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.

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T/C Type	Probe Dia. (mm)	Probe Length (mm)	+Positive tail wire	-Negative tail wire	Manufacturer's Part Number	Rapid Part Number
K	1.0	1000	Green	White	XE-3308-001	61-3162
K	1.5	150	Green	White	XE-3311-001	61-1240
K	1.5	250	Green	White	XE-3312-001	61-3163
K	1.5	500	Green	White	XE-3313-001	61-3164
K	1.5	1000	Green	White	XE-3314-001	61-3165
K	3.0	150	Green	White	XE-3331-001	61-1242
K	3.0	250	Green	White	XE-3332-001	61-3166
K	3.0	500	Green	White	XE-3333-001	61-3167
K	3.0	1000	Green	White	XE-3334-001	61-3168
K	3.0	2000	Green	White	XE-3336-001	61-3169
K	6.0	1000	Green	White	XE-3343-001	61-3170