

Mineral Insulated Thermocouple with Plain Pot Seal & Lead



- Mineral insulated Thermocouple to IEC 584
- Type 'K' with 310 stainless steel sheath
- Highly flexible, sheath can be bent/formed to suit many applications and processes
- Insulated hot junction
- Probe temperature range Type 'K' -40°C to +1100°C, Plain pot seal (200°C)
- 1 metre 7/0.2mm PFA Teflon® insulated flat pair cable and tails (colour coded to IEC 584), green cable jacket.

Specifications

Sensor type:	Type 'K' (Nickel Chromium/Nickel Aluminium)
Construction:	Flexible mineral insulated probe with stainless steel sheath, plain pot seal & 1 metre extension cable
Element/hot junction:	Single element, junction insulated from sheath (offers protection against spurious electrical signals)
Termination:	1 metre 7/0.2mm PFA Teflon® insulated flat pair cable, colour coded in accordance with IEC 584
Probe temperature range:	Type 'K' -40°C to +1100°C
Pot seal rating:	200°C

Type 'K' – 310 stainless steel sheath:

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	Tails: +pos/-neg	Manufacturer's Part Number	Rapid Part Number
K	1.5	150	310SS	Green/White	XE-3101-001	61-3149
K	1.5	250	310SS	Green/White	XE-3102-001	61-3150
K	3.0	150	310SS	Green/White	XE-3111-001	61-3151
K	3.0	250	310SS	Green/White	XE-3112-001	61-3152
K	6.0	150	310SS	Green/White	XE-3121-001	61-3153
K	6.0	250	310SS	Green/White	XE-3122-001	61-3154