

Data sheet

Mineral Insulated Thermocouples

Types 'K' with 1 metre lead & tails – stainless steel sheath



(Note: Illustration shows Type 'K')

- 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
- Plain pot seal (200°C)
- 1 metre 7/0.2mm PFA Teflon® insulated flat pair cable and tails (colour coded to IEC 584)

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
Manufactured:	Tolerances of materials used in the manufacture conform to class 1 specification to relevant BS EN 60584 standards.
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 >1.0mm diameter -40°C to +750°C – 1.0mm diameter and below
Pot seal rating:	200°C

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Mineral Insulated Thermocouples

Types 'K' or 'J' with 1 metre lead & tails – stainless steel sheath

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	Cable jacket	Tails: +pos/-neg	order code
K	1.0	150	310SS	Green	Green/White	XF-1879-FAR
K	1.0	250	310SS	Green	Green/White	XF-1885-FAR
K	1.0	1500	310SS	Green	Green/White	XF-1896-FAR
K	1.5	2000	310SS	Green	Green/White	XF-1884-FAR
K	3.0	500	310SS	Green	Green/White	XF-1886-FAR
K	3.0	1500	310SS	Green	Green/White	XF-1902-FAR
K	4.5	500	310SS	Green	Green/White	XF-1919-FAR
K	6.0	500	310SS	Green	Green/White	XF-1903-FAR