

IEC Mineral Insulated Thermocouple with Threaded Pot – Type ‘K’

310SS sheath - threaded pot seal with locknuts, 1 metre Teflon® twisted pair lead



- Type ‘K’ Mineral insulated Thermocouple to IEC 584-1-2
- Nickel Chromium/Nickel Aluminium conductors
- 310 stainless steel sheath with Insulated hot junction
- 3.0mm diameter x 300mm probe length
- 1 metre 7/0.2mm Teflon® insulated twisted pair cable (colour coded to IEC 584-3)
- Highly flexible, sheath can be bent/formed to suit many applications and processes
- Probe temperature range; -40°C to +1100°C
- M8x1 threaded pot seal complete with 2 x stainless steel locknuts

Specifications

| | |
|--------------------------|--|
| Sensor type: | Type ‘K’ with Nickel Chromium/Nickel Aluminium conductors |
| Construction: | Flexible mineral insulated probe, M8x1 (fine thread) threaded pot seal (c/w 2 x stainless steel locknuts) + 1-metre-long extension cable |
| Sheath composition: | 310 stainless steel (25/20 chromium nickel steel) |
| Element/hot junction: | Single element, hot junction insulated from sheath in order to prevent electrical noise & interference |
| Termination: | 1 metre 7/0.2mm Teflon® (250°C max) insulated twin twisted pair cable with tail wires, colour coded in accordance with IEC 584-3 |
| Probe temperature range: | -40°C to +1100°C |
| 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.

| T/C Type | Probe Dia. (mm) | Probe Length (mm) | Sheath | Lead wire +pos/-neg | Lead Length (mm) | order code |
|----------|-----------------|-------------------|--------|---------------------|------------------|--------------------|
| K | 3.0 | 300 | 310SS | Green/White | 1000 | XF-1040-FAR |