



ANSI Mineral Insulated Thermocouple with Standard Plug

About Labfacility

Formed in 1971, Labfacility specialize in the field of Temperature and Process Measurement.

We are the largest UK manufacturer of both temperature sensors and thermocouple connectors

Quality & Service

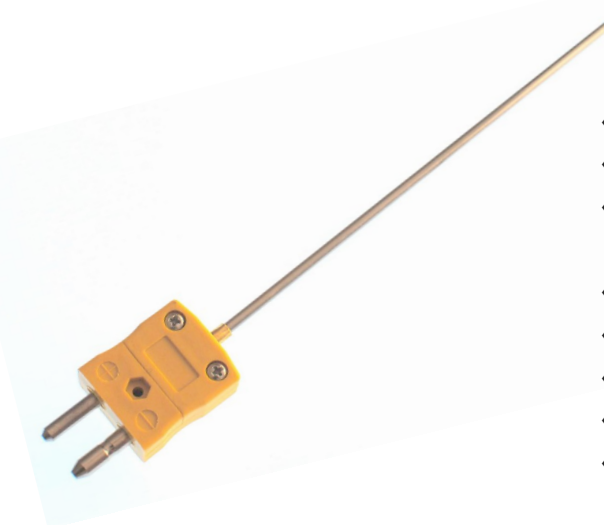
Quality and Service are key elements in the continued growth of Labfacility.

Technical support is always freely available from our experienced technical sales teams and the company has ISO9001 accreditation.

Contact Details

Email
sales@labfacility.com

Website
www.labfacility.com



- ◆ Mineral insulated Type 'K' Thermocouple
- ◆ 310 stainless steel sheath
- ◆ Highly flexible, sheath can be bent/formed to suit many applications and processes
- ◆ diameters include 1.5, 3.0 & 6.0mm
- ◆ Insulated hot junction
- ◆ Probe temperature range -40°C up to +1100°C
- ◆ Standard plug termination (200°C)
- ◆ Conforms to ANSI specification

Specifications

| | |
|-----------------------------|--|
| Sensor type: | Type 'K' with Nickel Chromium/Nickel Aluminium conductors |
| Construction: | Flexible mineral insulated probe, 310 stainless steel sheath & standard plug termination |
| Sheath composition: | 310 stainless steel (25/20 chromium nickel steel) |
| Element/hot junction: | Single element, junction insulated from sheath in order to prevent electrical noise & interference |
| Termination: | Standard round pin plug, colour coded 'yellow' in accordance ANSI |
| Reference Tables/Tolerance: | In accordance with ANSI |
| Probe temperature range: | -40°C to +1100°C |
| Plug temperature range: | 200°C |



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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 | Manufacturing Part No. | Farnell code |
|----------|-----------------|-------------------|--------|------------------------|--------------|
| K | 1.5 | 150 | 310SS | XF-840-FAR | 242-0327 |
| K | 1.5 | 250 | 310SS | XF-842-FAR | 242-0329 |
| K | 1.5 | 500 | 310SS | XF-844-FAR | 242-0331 |
| K | 1.5 | 1000 | 310SS | XF-838-FAR | 242-0324 |
| K | 3 | 150 | 310SS | XF-848-FAR | 242-0335 |
| K | 3 | 250 | 310SS | XF-850-FAR | 242-0337 |
| K | 3 | 500 | 310SS | XF-852-FAR | 242-0341 |
| K | 3 | 1000 | 310SS | XF-846-FAR | 242-0333 |

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