

## **ANSI 0.5mm Diameter Mineral Insulated Thermocouple with ANSI threaded pot & tails - Grounded Junction - 50mm Probe Length**



Labfacility are the UK's leading manufacturer of Temperature Sensors, Thermocouple Connectors and associated Temperature Instrumentation and stockists of Thermocouple Cables. The Company has been trading since 1971 and is ISO9001 accredited.

Type K with threaded pot & tails in 310 stainless steel

For 0.25mm, 0.75mm & 0.81mm diameter and for Inconel® Alloy 600 sheath versions, please use our [custom sensor forms](#) to submit your requirements or email [sales@labfacility.com](mailto:sales@labfacility.com) / telephone our sales line 01243 8712

### Need Your Temperature Sensor calibrated?

Traceable to ISO17025 (UKAS) calibration standards, Labfacility offer a choice of a 3 or 5 point traceable calibration using our in-house calibration facility, you can select any temperature points between -10°C & +200°C.

**Please be aware that if you add a calibration option to your order you will be contacted regarding delivery information.**

### Specifications

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<b>Product Code</b>	XE-0172-001
<b>General Description</b>	Type K with threaded pot & tails in 310 stainless steel
<b>Sensor Type</b>	Mineral Insulated
<b>Thermocouple Type</b>	K
<b>Element/hot junction</b>	Single element, junction grounded from sheath
<b>Probe Diameter</b>	0.5mm
<b>Probe Length</b>	50mm
<b>Sheath Material</b>	310 stainless steel
<b>Pot Type</b>	M8 x 1.0mm fine pitch threaded pot seal (200°C)
<b>Cable Length</b>	100mm
<b>Cable Type</b>	PFA insulated twin twisted ANSI
<b>Core / Strands</b>	7/0.2mm
<b>Termination Type</b>	Bare tails

<b>Max. Temperature</b>	+650°C
<b>Min. Temperature</b>	-40°C
<b>Standards Met</b>	In accordance with ANSI MC96.1
<b>Connector Type</b>	Plug
<b>Connector Size</b>	Miniature