

## **ANSI 0.5mm Diameter Mineral Insulated Thermocouple with Miniature ANSI Plug - 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 Miniature IEC Plug 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-0168-001
<b>General Description</b>	Highly flexible, sheath can be bent/formed to suit many applications and processes
<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>	Stainless steel 310
<b>Pot Type</b>	Plain (+200°C)
<b>Cable Length</b>	1M
<b>Cable Type</b>	PFA Teflon® insulated flat pair cable and tails (colour coded to ANSI MC96.1)
<b>Core / Strands</b>	7/0.2mm
<b>Termination Type</b>	Miniature flat pin plug, colour coded in accordance ANSI MC96.1

<b>Max. Temperature</b>	+750°C. Plug Max. temperature range: 200°C
<b>Min. Temperature</b>	-40°C
<b>Tolerance</b>	Class 1
<b>Standards Met</b>	ANSI MC96.1
<b>Connector Type</b>	Plug
<b>Connector Size</b>	Miniature