



**LABFACILITY**  
TEMPERATURE & PROCESS TECHNOLOGY

## **0.5mm Fast Response Mineral Insulated Thermocouples with Miniature IEC Plug - Insulated Junction - 150mm**



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

Fast Response Mineral insulated thermocouple in type K. Various lengths available terminating with an IEC miniature plug (220°C) for quick, simple connection.

For 0.25mm, 0.75mm & 0.81mm diameter versions, please use our [custom sensor forms](#) to submit your requirements

### **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-3205-001
<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 insulated or grounded from sheath
<b>Probe Diameter</b>	0.5mm
<b>Probe Length</b>	150mm
<b>Sheath Material</b>	Stainless steel 310
<b>Termination Type</b>	Miniature flat pin plug, colour coded in accordance IEC 584
<b>Max. Temperature</b>	+750°C. Plug Max. temperature range: 200°C
<b>Min. Temperature</b>	-40°C
<b>Standards Met</b>	IEC 584
<b>Connector Type</b>	Plug



Connector Size	Miniature
Series	Mineral Insulated