



# LABFACILITY

TEMPERATURE & PROCESS TECHNOLOGY

## **0.81mm Diameter Fast Response Thermocouple with IEC threaded pot & tails - Grounded 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.

If you require larger quantities, please email [sales@labfacility.com](mailto:sales@labfacility.com) or telephone our sales line 01243 871280.

### **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.

**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-0231-001
<b>General Description</b>	Type K with threaded pot & tails in 316 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>	0.81mm
<b>Probe Length</b>	150mm
<b>Sheath Material</b>	316 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 IEC (Temp -75 TO +250°C)
<b>Core / Strands</b>	7/0.2mm
<b>Termination Type</b>	Miniature flat pin plug, colour coded in accordance IEC 584
<b>Gland</b>	Bare Tails



Max. Temperature	+650°C
Min. Temperature	-40°C
Tolerance	Class 1
Standards Met	In accordance with IEC 584
Connector Type	Plug
Connection Type	Miniature