



LABFACILITY

TEMPERATURE & PROCESS TECHNOLOGY

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



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