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 stockings of Thermocouple Cables. The Company has been trading since 1971 and is ISO9001 accredited.

LABFACILITY
TEMPERATURE & PROCESS TECHNOLOGY

Datasheet

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

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