0.75mm Diameter Fast Response Thermocouple with IEC Bare Tails - Grounded Junction - 250mm



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

Fine diameter transition joint thermocouple probes

Thermocouple junctions are available as grounded, for fastest response time and lower cost; or insulated, for electrical isolation of the thermocouple from the sheath.

If you require larger quantities, please email 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, 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-0193-001
General Description	Industrial use Infrared Thermometer
Sensor Type	Mineral Insulated
Thermocouple Type	K
Battery	2 x 1.5 volt LR44 coin cell (included)
Element/hot junction	Single element, junction grounded from sheath
Display	6mm LCD
Probe Diameter	0.75mm
Probe Length	250mm
Sheath Material	K - Stainless steel 316
Pot Type	M8 x 1.0mm fine pitch threaded pot seal (Max Temp 200°C)

Cable Length	100mm
Cable Type	PFA insulated twin twisted IEC (Temp -75 to +250°C)
Core / Strands	7/0.2mm
Termination Type	Fortfix sealed with = +VE leg 15mm long and -VE leg 10mm long
Resolution	0.1°C (switchable)
Max. Temperature	+650°C
Min. Temperature	-40°C
Tolerance	Class 1
Standards Met	In accordance with IEC 584
Accuracy	+/-2°C
Dimensions	18 x 90 mm
Weight	20 grams
Important Information	Please Note: these are industrial IR thermometers, so please check the specifications before purchasing as a restocking fee of 20% will apply to unused products.