# 0.81mm Diameter Fast Response Thermocouple with Miniature IEC Plug - Grounded Junction - 100mm



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 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**

# Specifications

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| **Product Code** | XE-0227-001 |
| **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** | 0.81mm |
| **Probe Length** | 100mm |
| **Sheath Material** | K - Stainless steel 316 |
| **Pot Type** | Plain (+200°C) |
| **Cable Length** | 1M |
| **Cable Type** | PFA Teflon® insulated flat pair cable and tails (colour coded to IEC 584) (Max Temp 250°C) |
| **Core / Strands** | 7/0.2mm |
| **Termination Type** | Miniature flat pin plug, colour coded in accordance IEC 584 |

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| **Max. Temperature** | +650°C. Plug Max. temperature range: 200°C |
| **Min. Temperature** | -40°C |
| **Tolerance** | Class 1 |
| **Standards Met** | IEC 584 |
| **Connector Type** | Plug |
| **Connection Type** | Miniature |