



# **LABFACILITY**

TEMPERATURE & PROCESS TECHNOLOGY

## **ANSI 0.25mm Diameter Fast Response Mineral Insulated Thermocouple with Threaded Pot & PFA ANSI Tails - Type K Grounded Junction - 250mm 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.

[custom sensor form](#)

Please use our  
s to submit your requirements for various lengths of MI and Cable lengths.

### **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-0817-001                                                                        |
| <b>General Description</b>   | Highly flexible, sheath can be bent/formed to suit many applications and processes |
| <b>Sensor Type</b>           | Type K ANSI MD STYLE probes 0.25mm                                                 |
| <b>Thermocouple Junction</b> | Single element, grounded junction                                                  |
| <b>Probe Length</b>          | 250mm                                                                              |
| <b>Sheath Material</b>       | Stainless steel 316 sheath                                                         |
| <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 ANSI                                                    |
| <b>Core / Strands</b>        | 7/0.2mm                                                                            |
| <b>Max. Temperature</b>      | 260°C                                                                              |
| <b>Min. Temperature</b>      | -40°C                                                                              |
| <b>Tolerance</b>             | A 1%+ Length Tolerance applies                                                     |
| <b>Standards Met</b>         | ANSI MC96.1                                                                        |