

**Mineral Insulated Thermocouple with Plain Pot  
Seal And 1M Of PFA Insulated IEC Lead –  
Type K - 1.0 x 500mm**

**XE-3097-001**



Labfacility are the UK's leading manufacturer of Temperature Sensors, Thermocouple Connectors and associated Temperature Instrumentation and stockists of Thermocouple Cables. The Company has been trading since 1971 and is ISO 9001 accredited.

## Specifications

|                             |  |
|-----------------------------|--|
| <b>General Description</b>  | Plain pot seal (200°C) with 1 Metre of PFA insulated lead, 7/0.2mm flat pair with tails.               |
| <b>Sensor Type</b>          | Mineral Insulated  |
| <b>Thermocouple Type</b>    | K  |
| <b>Element/hot junction</b> | Single element, junction insulated from sheath (offers protection against spurious electrical signals) |
| <b>Probe Diameter</b>       | 1.0mm  |
| <b>Probe Length</b>         | 500mm  |
| <b>Sheath Material</b>      | K - Stainless steel 310  |
| <b>Pot Type</b>             | Plain (+200°C)   |
| <b>Cable Length</b>         | 1m   |
| <b>Cable Type</b>           | PFA Teflon® insulated flat pair cable and tails (colour coded to IEC 584)                              |
| <b>Core / Strands</b>       | 7/0.2mm  |
| <b>Termination Type</b>     | Bare tails   |
| <b>Max. Temperature</b>     | K, +750°C for 1.0mm diameter   |
| <b>Min. Temperature</b>     | K -40°C  |
| <b>Tolerance</b>            | Class 1  |
| <b>Standards Met</b>        | In accordance with IEC 584   |

## Ordering Information

| Thermocouple Type | Colour Code | Size        | Order Number |
|-------------------|-------------|-------------|--------------|
| K                 | IEC         | 1.0 x 500mm | XE-3097-001  |