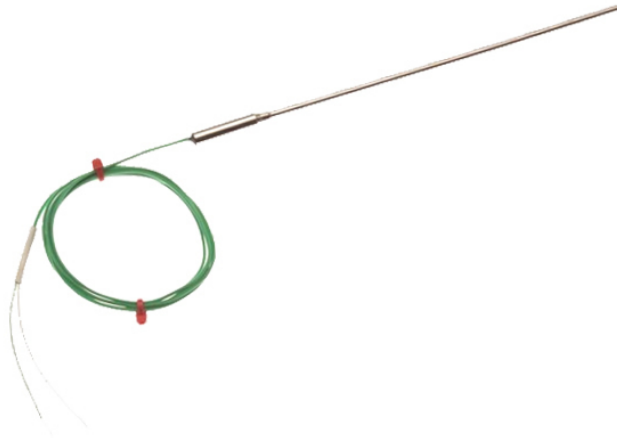




# LABFACILITY

TEMPERATURE & PROCESS TECHNOLOGY

## Mineral Insulated Thermocouple with Plain Pot Seal and 1m of PFA Insulated IEC Lead - Types K,J,T,N



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.

Plain pot seal (200°C) with 1 Metre of PFA insulated lead, 7/0.2mm flat pair with tails.

### 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

|                             |  |
|-----------------------------|--|
| <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,J,T,N  |
| <b>Element/hot junction</b> | Single element, junction insulated from sheath (offers protection against spurious electrical signals) |
| <b>Probe Diameter</b>       | 1.0, 1.5, 3.0, 4.5 & 6.0mm   |
| <b>Probe Length</b>         | 150, 250, 500, 1000, 1500 & 2000mm   |
| <b>Sheath Material</b>      | K - Stainless steel 310, J - Stainless steel 321, T - Stainless steel 316, N - Nicrosil                |
| <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 +1100°C for 1.5 & 3.0mm diameters +750°C for 1.0mm diameter, J +760°C, T +400°C, N +1300°C. |
| <b>Min. Temperature</b> | K -40°C, J -100°C, T -100°C, N -100°C   |
| <b>Tolerance</b>        | Class 1   |
| <b>Standards Met</b>    | In accordance with IEC 584  |