

## **Hermetically Sealed Wire Thermocouple with Miniature Plug - Type K IEC**



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.

An IP67 wire thermocouple that is hermetically sealed for use in corrosive or wet environments.

This versatile multi-purpose sensor has been specifically designed for use in and to protect against corrosion in harsh or wet environments. It has a quick response time and can be easily cleaned. The impermeable PFA insulated flexible wire thermocouple provides exceptional resistance to oils, fluids, gases, and chemicals and is electrically isolated.

The thermocouple tip contains the beaded sensing connection, which is weld-sealed to give a continuous PFA coating along the entire length and provide an atmosphere that is airtight and moisture-proof.

## Specifications

<b>General Description</b>	An IP67 wire thermocouple that is hermetically sealed for use in corrosive or wet environments
<b>Sensor Type</b>	Hermetically sealed
<b>Thermocouple Type</b>	K
<b>Cable Length</b>	1m
<b>Cable Type</b>	PFA Flat Pair insulation
<b>Core / Strands</b>	7/0.2mm (24AWG)
<b>Termination Type</b>	Miniature Plug
<b>Max. Temperature</b>	+260°C
<b>Min. Temperature</b>	-75°C
<b>Tolerance</b>	Class 1
<b>IP Rating</b>	IP67
<b>RoHS Compliant</b>	Yes
<b>Standards Met</b>	IEC
<b>Important Information</b>	Pressure tested at 40 PSI as standard

**Hermetically  
Sealed Tip**



1.5 X 2.3MM  
NOMINAL WIRE DIAMETER

## Typical Applications

- **Pharmaceutical, Autoclaves and Sterilisation**
- **Food & Catering**
- **Environmental**
- **R & D, temperature mapping and data acquisition**

## Ordering Information

Type	Cable Length	Termination	Manufacturers Code	Manufacturers Order Code
K	1m	Miniature Plug	ZX-K-1-C7-MP-I	XE-6353-001

