IEC Type K Hermetically Sealed Thermocouple 5M (16.41Ft) PFA Flat Pair 7/0.2mm Miniature Plug
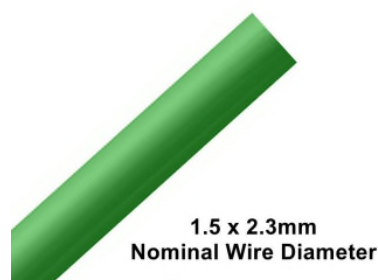
XE-6355-001

Hermetically Sealed Tip

1.5 x 2.3mm
Nominal Wire Diameter

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.

Datasheet

- Hermetically sealed airtight tip
- Waterproof & suitable for insertion into liquids
- Oil & Chemical resistant PFA insulation
- For use in temperatures ranging from -75 to +260 Degree C
- Electrically insulated tip tested to 1.0Kv as standard (can be tested at higher voltages)
- Flexible 7/0.2mm stranded conductors (24AWG)
- 1.5 x 2.3mm nominal wire diameter
- Available with standard tails or mini thermocouple plug terminations

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.

Typical Applications

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

Datasheet

LABFACILITY
TEMPERATURE & PROCESS TECHNOLOGY

Specifications

General Description	An IP67 wire thermocouple that is hermetically sealed for use in corrosive or wet environments
Sensor Type	Hermetically sealed
Thermocouple Type	K
Cable Length	5m
Cable Type	PFA Flat Pair insulation
Core / Strands	7/0.2mm (24 AWG)
Termination Type	Mini Plug
Max. Temperature	+260°C
Min. Temperature	-75°C
Tolerance	Class 1
Standards Met	IEC-584-3
IP Rating	IP67
Important Information	Pressure tested at 40 PSI as standard

Ordering Information

Thermocouple Type	Colour Code	Size	Termination	Order Number
K	IEC	5m	Mini Plug	XE-6355-001