

# ANSI Glassfibre Insulated Exposed Junction Thermocouple with Bare Tails - Type K



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.

Labfacility have supplied Farnell for over 30 years, and an extensive range of our products are available to buy online, from stock, direct from Farnell.

## **Datasheet**



## **Specifications**

General Description	Fast response, welded exposed junction		
Sensor Type	Good temperature resistance (not suitable in fluids)		
Thermocouple Type	K		
Thermocouple Junction	Exposed		
Cable Length	0.3, 1, 2, 5 & 10 metre		
Cable Type	glassfibre insulated flat pair cable		
Core / Strands	1/0.3mm		
Cable Termination	Bare tails		
Max. Temperature	+350°C (short periods up to 400°C)		
Min. Temperature	-60°C		
Tolerance	ANSI MC96.1 Class 2		
Standards Met	ANSI MC96.1		

# **Ordering Information**

Type	Style	Material	Cable Size	Length	Termination	Manufacturers Code	Farnell Order Number
K	FLAT PAIR	GLASSFIBRE	1/0.3mm	0.3m (0.98ft)	Bare Tails	Z3-K-0.3-C31-T-A	4628628
K	FLAT PAIR	GLASSFIBRE	1/0.3mm	1m (3.3ft)	Bare Tails	Z3-K-1.0-1/0.315-T-ANSI	3584238
K	FLAT PAIR	GLASSFIBRE	1/0.3mm	2m (6.56ft)	Bare Tails	Z3-K-2.0-1/0.315-T-ANSI	3584241
K	FLAT PAIR	GLASSFIBRE	1/0.3mm	5m (16.4 ft)	Bare Tails	Z3-K-5.0-1/0.315-T-ANSI	2785097
K	FLAT PAIR	GLASSFIBRE	1/0.3mm	10m (32.8ft)	Bare Tails	Z3-K-10.0-1/0.315-T-ANSI	3584245

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#### Thermocouple & PRT Cable

Thermocouple cables are available in IEC or ANSI colour codes. Insulation types include PFA, PTFE, PVC &

Fibreglass. Available spool lengths include 10, 25, 50, 100 and 200m.

### Best Sellers



**ANSI PTFE Insulated Twin Twisted** Farnell 2443696 Newark 73AC8304

**ANSI PFA Insulated** Twin Twisted Farnell 2443711 Newark 73AC8297

#### **Fabricated and Specialist Thermocouples**

Styles include; Magnet, Washer, Nozzle, Leaf, Bayonet & Bolt thermocouple. Various lengths and calibration types available.

### **Best Sellers**



Washer Thermocouple Farnell 8597952 Newark 38K1555



Magnet Thermocouple Farnell 2081298 Newark 88T2877



## Thermocouples

Including exposed junctions with fitted or moulded miniature plug and insulated leads, ideal for test and development applications.

1, 2, 3, 5 & 10m lengths available in IEC or ANSI colours.

### **Best Sellers**



IEC Type T Exposed Junction Farnell 7076186 Newark 68C2613

IEC Type K Exposed Junction Farnell 4100748 Newark 15J1022



#### Thermocouple Connectors

Range of miniature or standard thermocouple connectors. Available in thermocouple types K, J, T, E, N, RS, B, and copper. IEC, ANSI & JIS colour codes available.



### **IEC Thermocouple PCB Socket** Farnell 2347056 **Newark 06X5514**



**IEC Thermocouple** Plug

Farnell 7086362 **Newark 67C1559** 



**ANSI Thermocouple** Socket

> Farnell 2347121 Newark 06X4819



#### **RTD Detectors**

Wire-wound type provides greater accuracy and stability but are vulnerable to shock.

Flat film type are resistant to shock and have quicker thermal response times.

Various lengths and diameters available, in class A, B and 1/10th Din.

### **Best Sellers**



Farnell 8598550 Newark 38K0883

### PT100 Wire **Wound Detector**

Farnell 2770776 Newark 25AC2608

PT100 Class A Thin Film Detector Farnell 8598525

### Mineral Insulated Thermocouples

Available in various calibration types with a variety of terminations.

These include; Thermocouple plugs, Terminal heads and Thermocouple cable.

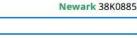


**ANSI Thermocouple** Farnell 2420317 Newark 53X3217

IEC Thermocouple with Mini Plug Farnell 4248338

Newark 19J1166

**IEC Melt Bolt** Thermocouple Farnell 2816490 Newark 44AC8638



### Best Sellers



Pt100 Heavy Duty Sensor Probe Farnell 8598096 Newark 38K0974



Pt100 Sensor in Stainless Steel Tube with Teflon Lead Farnell 2420300 Newark 53X3459

Pt100 Outdoor/ Cold Store Temperature Sensor Farnell 2816462

Newark 44AC8648



### L60 Fine Wire Thermocouple Welder

The Thermocouple Welder is a compact, simple-to-use instrument designed for thermocouple and fine wire welding. Supplied with foot switch, spare electrodes, pliers & safety glasses, impact clip and pen plate.

### **Best Sellers**





L60+ Thermocouple & Fine Wire Welder and accessories Farnell 2897470 Newark 62AC8741

applications and styles, available in class A or B.

Resistance Thermometer

Detectors (RTD) / Platinum

Resistance Thermometers (PRT)

To suit a wide range of

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