

ANSI High Temperature Glassfibre Twin Twisted Exposed Welded Tip Thermocouples with Standard Plug Termination



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. Good temperature				
	resistance (not suitable in fluids).				
Thermocouple Type	K				
Thermocouple Junction	Exposed				
Cable Length	5, 10 or 20-metre-long				
Cable Type	high temperature glassfibre insulated twisted cable				
Core / Strands	1/0.711mm conductors (21awg)				
Cable Termination	Standard plug termination				
Max. Temperature	+700°C				
Min. Temperature	0°C				
Tolerance	Tolerance to ANSI MC96.1 Class 2				
Standards Met	Colour code to ANSI MC96.1				

Ordering Information

Туре	Style	Material	Cable Size	Length	Termination	Manufacturers Code	Farnell Order Number
K	TWIN	GLASSFIBRE	1/0.711mm	5m	Standard	Z3-K-5.0-C36-SP-ANSI	2785105
	TWISTED			(16.4 ft)	Plug		
K	TWIN	GLASSFIBRE	1/0.711mm	10m	Standard	Z3-K-10.0-C36-SP-ANSI	2785106
	TWISTED			(32.8ft)	Plug		
K	TWIN	GLASSFIBRE	1/0.711mm	20m	Standard	Z3-K-20.0-C36-SP-ANSI	2785107
	TWISTED			(65.6ft)	Plug		

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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.

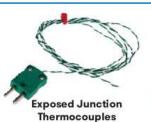
Best Sellers



Washer Thermocouple Farnell 8597952 Newark 38K1555



Magnet Thermocouple Farnell 2081298 Newark 88T2877



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



ANSI Type K Exposed Junction Farnell 2443720 Newark 84X0232

IEC Type T Exposed Junction Farnell 7076186 Newark 68C2613

IEC Type K Exposed Junction Farnell 4100748



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.

Best Sellers



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





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



PT1000 Thin Film Detector Farnell 8598550 Newark 38K0883

Newark 15J1022

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.

Best Sellers



ANSI Thermocouple Farnell 2420317 Newark 53X3217

IEC Thermocouple with Mini Plug Farnell 4248338

Newark 19J1166

IEC Melt Bolt Thermocouple Farnell 2816490 Newark 44AC8638

Newark 38K0885





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

Resistance Thermometer Detectors (RTD) / Platinum Resistance Thermometers (PRT)

To suit a wide range of applications and styles, available in class A or B.