

Type K General Purpose Thermocouple Probe, Glassfibre insulated Cable with Stainless Steel Over-Braid Terminating in Bare tails, Miniature or Standard Plug - ANSI



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 | Rugged thermocouple with stainless steel sheath | | | |
|--------------------------|--|--|--|--|
| Thermocouple Type | K | | | |
| Thermocouple Junction | Grounded hot junction for fast response | | | |
| Probe Diameter | 4.5mm | | | |
| Probe Length | 150mm | | | |
| Cable Length | 1 or 2m | | | |
| Cable Type | Glassfibre insulated lead with stainless steel overbraid | | | |
| Core / Strands | 7/0.2mm | | | |
| Termination Type | Bare tails, Miniature or Standard Plug (with cable clamps) | | | |
| Max. Temperature | +350°C | | | |
| Min. Temperature | -60°C | | | |
| Standards Met | ANSI MC96.1 | | | |

Ordering Information

| Туре | Cable Length | Diameter x Length | Termination | Manufacturers Code | Farnell Order Code |
|------|-----------------|----------------------|----------------|-------------------------------------|-----------------------|
| K | 1m | 4.5 x 150mm | Miniature Plug | FAA-GSK-4.5-150-1.0-C4-MP-A | 4156014 |
| K | 2m | 4.5 x 150mm | Miniature Plug | FAA-GSK-4.5-150-2.0-C4-MP-A | 4156015 |
| K | 1m | 4.5 x 150mm | Standard Plug | FAA-GSK-4.5-150-1.0-C4-SP-A-Z Z=C/C | 4156016 |
| K | 2m | 4.5 x 150mm | Standard Plug | FAA-GSK-4.5-150-2.0-C4-SP-A-Z Z=C/C | 4156017 |
| K | 1m | 4.5 x 150mm | Bare Tails | FAA-GSK-4.5-150-1.0-C4-T-A | 4156019 |
| K | 2m | 4.5 x 150mm | Bare Tails | FAA-GSK-4.5-150-2.0-C4-T-A | 4156021 |

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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.

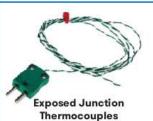
Best Sellers



Washer Thermocouple Farnell 8597952 Newark 38K1555

Bayonet Thermocouple Farnell 2785115 Newark 37AC0993

> 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



Junction Farnell 2443720 Newark 84X0232

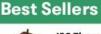
IEC Type T Exposed Junction Farnell 7076186 Newark 68C2613





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



PT1000 Thin Film Detector Farnell 8598550 Newark 38K0883

PT100 Wire **Wound Detector**

Farnell 2770776 Newark 25AC2608

PT100 Class A Thin Film Detector Farnell 8598525

Newark 38K0885

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



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

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



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

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