

# Fabricated Grounded Thermocouple in Stainless Steel Tube, Glassfibre stainless steel Overbraided cable - JIS



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**

<b>General Description</b>	316 stainless steel tube in various sizes		
Thermocouple Type	K		
Thermocouple Junction	Grounded at tip for fast response		
Cable Length	2m		
Cable Type	Glassfibre stainless steel overbraided cable		
Cable Termination	Bare Wire Tails		
Max. Temperature	+350°C		
Min. Temperature	-60°C		
Standards Met	JIS (Japanese Industrial Standards)		
<b>Tube Diameter</b>	3.18mm, 4mm, 4.76mm		
Tube Length	13mm, 25mm, 40mm, 75mm*, 100mm*		

\*=4.76mm Only

# **Ordering Information**

Thermocouple Type	Cable Length	Diameter x Length	Termination	Farnell Order Code
K	2m	3.18 x 13mm	Bare Tails	XF-2043-FAR
K	2m	3.18 x 25mm	Bare Tails	XF-2044-FAR
K	2m	3.18 x 40mm	Bare Tails	XF-2045-FAR
K	2m	4 x 13mm	Bare Tails	XF-2046-FAR
K	2m	4 x 25mm	Bare Tails	XF-2047-FAR
K	2m	4 x 40mm	Bare Tails	XF-2048-FAR
K	2m	4.76 x 13mm	Bare Tails	XF-2049-FAR
K	2m	4.76 x 25mm	Bare Tails	XF-2050-FAR
K	2m	4.76 x 40mm	Bare Tails	XF-2051-FAR
K	2m	4.76 x 75mm	Bare Tails	XF-2052-FAR
K	2m	4.76 x 100mm	Bare Tails	XF-2053-FAR

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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**

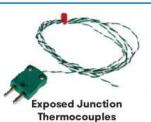


Washer Thermocouple Farnell 8597952 Newark 38K1555



**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**



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 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**



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.





**ANSI Thermocouple** Farnell 2420317 Newark 53X3217

Newark 19J1166

IEC Thermocouple with Mini Plug Farnell 4248338

**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.

## 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

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