

# 9kg Pull Power (Horseshoe) Magnet Thermocouple, PFA Insulated Cable with Stainless Steel Over-Braid Terminating in Miniature or Standard Plug - 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>	Rapid, reliable temperature sensing on ferrous surfaces		
Thermocouple Type	K		
Thermocouple Junction	n Grounded at tip		
Magnet	25 x 25 x 40mm (HxWxL) with powerful 9kg pull		
	1.5 or 3 metres PFA insulated with stainless steel over-		
Cable Termination         braid, fitted plug termination			
Termination Type	ermination Type Fitted Mini or Standard Plug		
Max. Temperature	+250°C		
Min. Temperature	-50°C		
Standards Met	JIS		

# **Ordering Information**

Туре	Cable Length	Termination	Manufacturers Code	Farnell Order Code
K	1.5m	Miniature Plug	H/MAGNET-K-1.5M-MP-J (9kg Pull)	4156060
K	3m	Miniature Plug	H/MAGNET-K-3M-MP-J (9kg Pull)	4156061
K	1.5m	Standard Plug	H/MAGNET-K-1.5M-SP-J (9kg Pull)	4156062
K	3m	Standard Plug	H/MAGNET-K-3M-SP-J (9kg Pull)	4156063

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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.

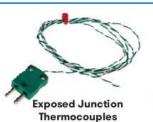
# **Best Sellers**



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**



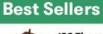






#### Thermocouple Connectors

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 **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

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.

# 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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