

General Purpose Pt100 Silicone Rubber Lead -Type RTD / PRT



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

Sensor Type	Pt100 (100 Ohms @ 0°C) to IEC 751, Class B, 4 wire				
Number of Wires	4				
Probe Diameter	6.0mm				
Probe Length	50, 100mm				
Sheath Material	316 stainless steel sheath				
Cable Length	2m				
Cable Type	flexible silicone rubber insulated				
Core / Strands	7/0.2mm				
Cable Termination	Bare Tails				
Max. Temperature	+200°C				
Min. Temperature	-50°C				
Accuracy	Class B				

Multi Pack - Ordering Information

Туре	Number of Wires	Class	Sheath Diameter (mm)	Sheath Length (mm)	Pack Size	Manufacturers Number	Farnell order Number
PT100	4	В	6	50	10	RAA-S4B-6.0-50-NP-2.0-C9-T	XF-2920-FAR

Singles - Ordering Information

Туре	Number of Wires	Class	Sheath Diameter (mm)	Sheath Length (mm)	Manufacturers Number	Farnell order Number
PT100	4	В	6	50	RAA-S4B-6.0-50-NP-2.0-C9-T	8598096
PT100	4	В	6	100	RAA-S4B-6.0-100-NP-2.0-C9-T	8598100

PRT - 20 Mar-24



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.

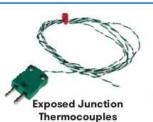
Best Sellers



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



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.











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





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

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

Resistance Thermometer

Detectors (RTD) / Platinum

Resistance Thermometers (PRT)

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