

LABFACILITY
TEMPERATURE TECHNOLOGY

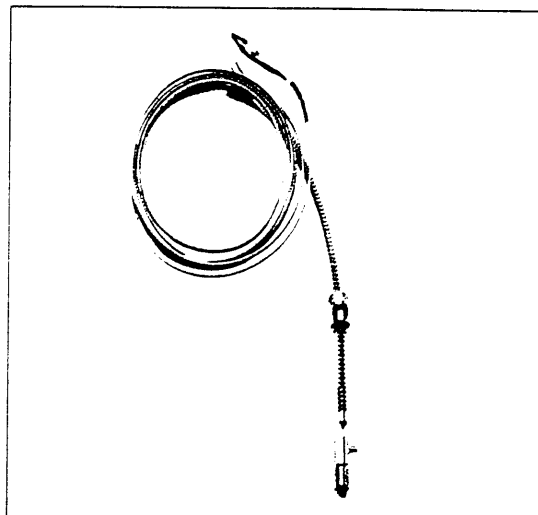
A COMPLETE RANGE OF THERMOCOUPLES AND RTD SENSORS FROM STOCK

THERMOCOUPLES FOR PLASTICS AND GENERAL PURPOSE APPLICATIONS

ADJUSTABLE BAYONET THERMOCOUPLE

These low cost adjustable bayonet thermocouples are designed primarily for extruders, injection moulders, and packaging machinery. The thermocouple junction is housed in a rugged stainless steel tip with 2 metres of stainless steel braided lead; a 170mm spring with an adjustable fixing cap are fitted and a separate bayonet adaptor is available.

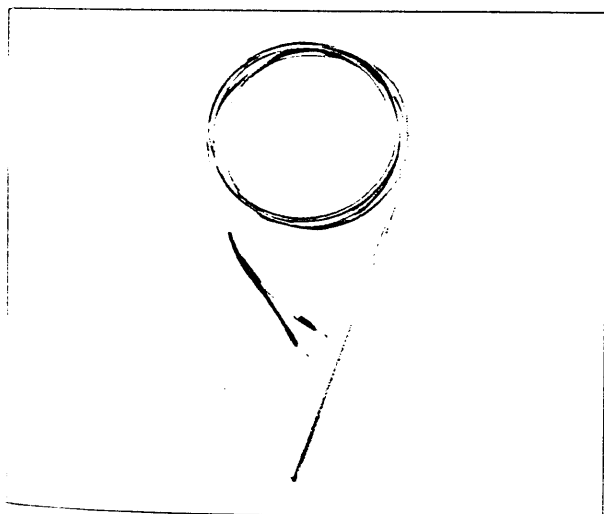
Suitable for temperatures up to 350°C, these versatile sensors cater for most applications. The bayonet adaptor locates in the process via a 1/8" BSP male thread and the thermocouple is fitted using the fixing cap to ensure secure spring loaded contact. Type J versions are available from stock.



Tip 6mm dia x 8mm. Single slot bayonet cap

Other thermocouple types or Pt100 versions are available to special order.

Order Codes	
Type J bayonet thermocouple	J-ABT-2-X
1/8" BSP adaptor (22mm long)	CA-400



Probe 3/16" (4.76mm) dia x 150 mm

HEAVY DUTY THERMOCOUPLE

Low cost heavy duty stainless steel thermocouple for a variety of applications up to 350°C, particularly in the plastics industry.

Complete with 2 metres of rugged stainless steel braided lead, the probe has a grounded hot junction for fast response. Types J and K are available from stock.

Other thermocouple types or Pt100 are available to special order.

Order Codes	
Type K heavy duty thermocouple	K-HD-150-X
Type J heavy duty thermocouple	J-HD-150-X



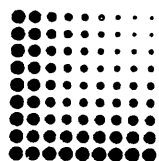
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EXPOSED JUNCTION, PATCH, AND MAGNETIC THERMOCOUPLES

- ♦ Fast response exposed junction thermocouples
- ♦ Magnetic thermocouples for ferrous metals
- ♦ Many applications including pharmaceutical, food, test laboratories, and heating and ventilating
- ♦ Self adhesive patch thermocouples
- ♦ Low cost and available from stock
- ♦ For surface and air temperature measurement

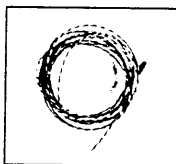
Fast Response exposed junction thermocouples



- ♦ 0.2mm bare wire with welded bead
- ♦ 1 metre long
- ♦ Available from stock in types K, J and T

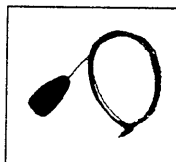


- ♦ 0.2mm wire with PTFE insulation
- ♦ Welded bead
- ♦ 1 metre long
- ♦ Maximum 250°C
- ♦ Available from stock in types K, J and T
- ♦ Optional miniature plug termination



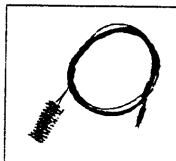
- ♦ 0.2mm wire with glassfibre insulation
- ♦ Welded bead
- ♦ 1 metre long
- ♦ Maximum 400°C
- ♦ Available from stock in types K, J and T
- ♦ Optional miniature plug termination

Self Adhesive Patch Thermocouples



Patch 35mm long x
13mm wide x 2mm

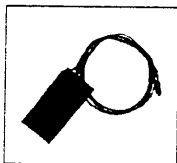
- ♦ Silicone rubber patch thermocouple with self-adhesive aluminium foil backing
- ♦ 1 metre PTFE insulated lead
- ♦ Fast response
- ♦ Robust and waterproof
- ♦ Range -60 to +250°C
- ♦ Good resistance to oils and chemicals
- ♦ Available from stock in types K and T
- ♦ Optional miniature plug termination



Patch 24mm long x
10mm wide

- ♦ Self adhesive patch thermocouple
- ♦ Very fast response
- ♦ Maximum 250°C
- ♦ 1 metre PTFE insulated lead
- ♦ Available from stock in types K and T
- ♦ Optional miniature plug termination

Magnetic Thermocouples



Patch 50mm long x
25mm wide x 1mm

- ♦ Flexible magnetic patch thermocouple for ferrous metals
- ♦ 1 metre PTFE insulated lead
- ♦ Fast response
- ♦ Maximum 120°C
- ♦ Insulated hot junction
- ♦ Available from stock in type K
- ♦ Optional miniature plug termination

Order codes

Type K Z1-K-1
Type J Z1-J-1
Type T Z1-T-1

Type K Z2-K-1
Type J Z2-J-1
Type T Z2-T-1

Type K Z3-K-1
Type J Z3-J-1
Type T Z3-T-1

Type K SRS-K-1
Type T SRS-T-1

Type K W-K-1
Type T W-T-1

Type K FMS-K-1

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