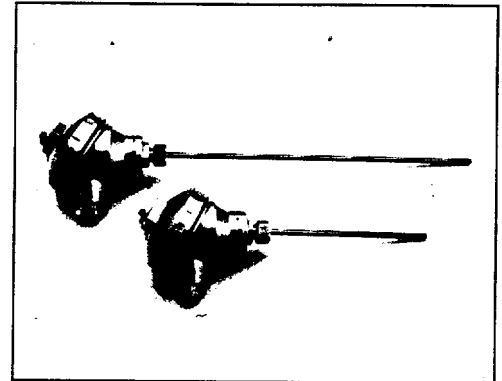


INDUSTRIAL Pt100 PROBES WITH TERMINAL HEADS

This range of industrial Pt100 probes is suitable for a wide range of applications. For use up to 450°C, the probes are recommended where the superior accuracy of Pt100s over thermocouples is required. The assemblies utilise a 6mm diameter stainless steel stem below a waterproof terminal head. The head contains a terminal block allowing connection to the measuring instrument via a M20 cable gland.

The probes are 4 wire configured allowing connection to any Pt100 instrument using 2,3, or 4 wire.

The probes are available in various lengths and can be installed using Labfacility compression fittings or thermopockets.

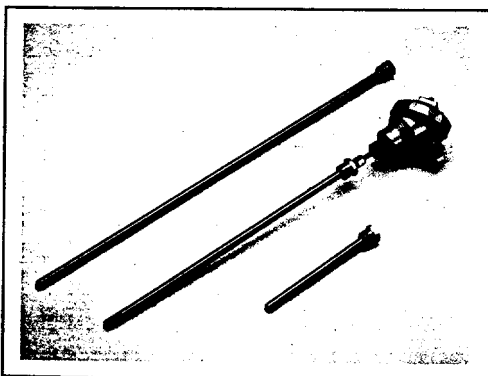


These assemblies can be supplied with head mounting 4-20mA transmitters to special order - please contact our sales department.

Specifications		Order Codes	
Sensor:	Pt100 to BS1904 (1984) Class B and DIN 43760. 100 ohms at 0°C. 4 wire.	Probe Length(mm)	Order code
Sheath:	6mm diameter stainless steel	150	Pt-150-KNE-X
Terminal head:	Waterproof, die cast aluminium with epoxy coating. Screw lid with retaining chain.	200	Pt-200-KNE-X
Temperature range of probe:	-100 to +450°C	300	Pt-300-KNE-X
		400	Pt-400-KNE-X
		600	Pt-600-KNE-X

Alternatively we can supply custom-made probes to special order - please contact our sales department.

STAINLESS STEEL THERMOPOCKETS



This is a range of competitively priced stainless steel thermopockets for use with Labfacility industrial style sensors or other probes up to 1/4" diameter. The use of thermopockets is recommended where the removal of temperature probes without a pocket would require process shut down or draining of the system.

Probes are secured within the pockets using a suitable compression fitting (available separately) and the pocket has a 1/2" BSP (P) male thread for installation in the process.

The pockets are available in a variety of lengths. We recommend the pocket to be 50mm shorter than the associated probe length to ensure complete entry and seating of the probe.

Specifications		Order Codes		
Material:	Stainless Steel	Pocket Length (mm)	Recommended Minimum Probe Length (mm)	Order Code
Outside diameter:	7/16"	100	150	TP-100-X
Wall thickness:	0.08"	150	200	TP-150-X
Male process thread:	1/2"BSP(P)	250	300	TP-250-X
Internal thread:	1/8"BSP(P)	350	400	TP-350-X
		550	600	TP-550-X

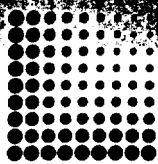
Alternatively we can supply custom-made thermopockets to special order - please contact our sales department.

LABFACILITY LIMITED

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HEADQUARTERS: LABFACILITY LTD, 99 Waldegrave Road, Teddington, Middlesex TW11 8LR, UK. Tel: 0181 943 5331 Telex: 8952151 Intemp G Fax: 0181 943 4531
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Internet address: <http://www.labfacility.co.uk/temperature/> E-mail: info@labfacility.co.uk

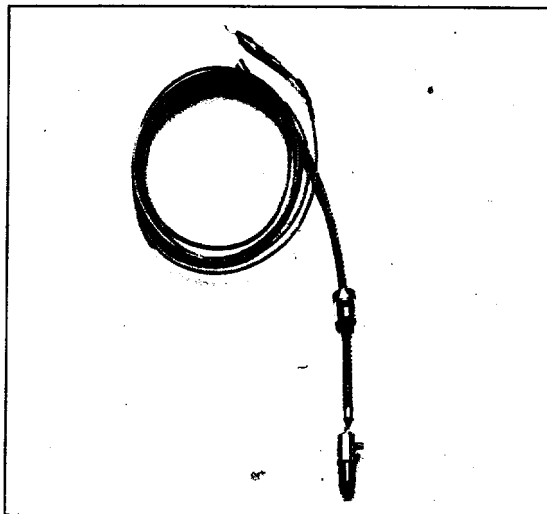


THERMOCOUPLES FOR PLASTICS AND GENERAL PURPOSE APPLICATIONS

ADJUSTABLE BAYONET THERMOCOUPLE

These low cost adjustable bayonet thermocouples are designed primarily for plastics 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.

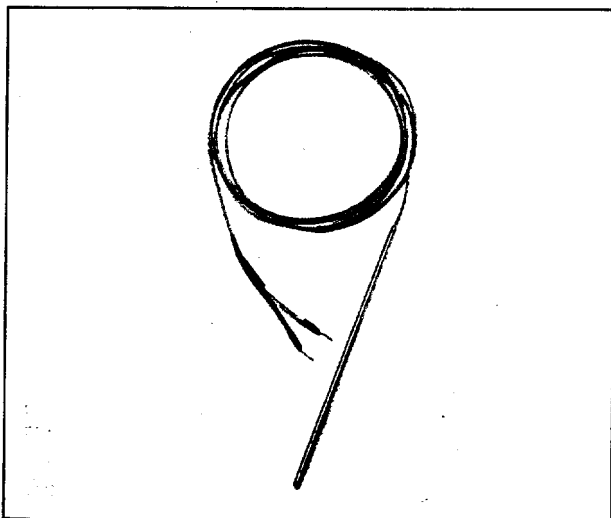
Suitable for temperatures up to 350°C, these versatile sensors cater for most applications. The bayonet adaptor locates in the process via a 1/8" BSP male thread and the thermocouple is fitted using the fixing cap to ensure secure spring loaded contact. Type J versions are available from stock.



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



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.

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

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



ISO 9002 Certificate No. 4746

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