

**LABFACILITY**  
TEMPERATURE TECHNOLOGY

**A COMPLETE RANGE OF THERMOCOUPLE  
AND RTD SENSORS FROM STOCK**

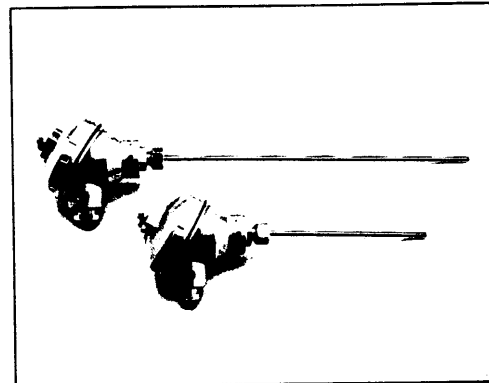
725-5445.

#### 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.

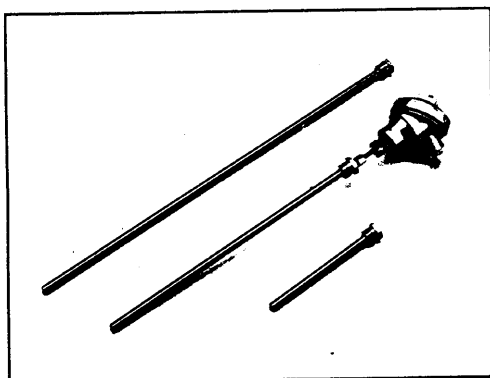
The probes are available in various lengths and can be installed using Labfacility compression fittings or thermopockets.



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 THERMPOCKETS

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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