

Furnace sensor



These are high-temp probe assemblies with flying lead and housed in a ceramic sheath.

Our standard range is shown below, although any special can be manufactured upon request.

Contact the Sales office for details and a quotation.

A type K or Platinum v Platinum Rhodium thermocouple housed in a refractory aluminium oxide sheath. A weatherproof connecting head and support tube are fitted. A choice of Type K (Chromium/Aluminium) or Type R (Pt/Pt13%Rh) and Type S (Pt/Pt10%Rh) thermocouples are available. The standard refractory sheath provides good protection in a wide range of applications and permits continuous operation at 1350°C (K) and 1600°C (R and S)

High Temperature

Model Pr26

Operating Temperature	K 0 to 1350°C R (Pt/Pt13%Rh) 0 to 1600°C S (Pt/Pt10%Rh) 0 to 1600°C
Type	K, R or S thermocouple
Hot junction	Insulated
Outer ceramic sheath diameter	6mm (10mm Ø Inconel support tube / 100mm long) 8mm (12mm Ø Inconel support tube / 100mm long) 12mm (5/8" Ø Inconel support tube / 100mm long) 17mm (22mm Ø Inconel support tube / 150mm long)
Ceramic sheath length	Measured from below the support tube (i.e. ceramic portion only)
Cable	High-temp fibre glass lead terminated in flying tails

Model code					
Model	Calibration	Cable length (in Mtrs)	Ceramic sheath diameter	Ceramic sheath length (in mm)	Options
Pr26	K	2 (2Mtrs)	60 6mm 80 8mm	200 (200mm)	Termination Z = 2pin plug
	R	3 (3Mtrs)	12 12mm	300 (300mm)	
	S		17 17mm	500 (500mm)	

Accessories



Compression fittings



Flanges



Extension cable

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