

Element for Furnace sensor



A sensor element for use as a replacement for Model Hd13 or as a sub assembly

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 element

Model E103

Operating Temperature	K 0 to 1350°C (5.5mm diameter ceramic only) R (Pt/Pt13%Rh) 0 to 1600°C S (Pt/Pt10%Rh) 0 to 1600°C
Type	K, R or S Thermocouple
Hot junction	Exposed
Outer ceramic sheath diameter	3.0mm diameter 5.5mm diameter
Ceramic sheath length	To be specified
Termination	30mm bare wire

<u>Model code</u>			
Model	Calibration	Ceramic sheath diameter	Ceramic sheath length (in mm)
E103	K	30 (3mm)	200 (200mm)
	R	55 (5.5mm)	300 (300mm)
	S		500 (500mm)

Accessories



Compression fittings



Flanges



Extension cable

Helium Projects Ltd

Projects House,
Rear of 6 St Lawrence Avenue, Worthing,
West Sussex, BN14 7JH
Tel: +44(0) 1903 211121 Fax: +44(0) 1903 211130
email: sales@helium.uk.net
Website: www.helium.uk.net