

Sensor element

EI01
EI02



A sensor element for use as a replacement for Model Hd01 or Hd02 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.

| <u>High Temperature Resistance Thermometer and Mineral Insulated Thermocouples</u> | | <u>Standard Temperature Fabricated</u> | |
|--|--|--|---|
| Model EI01 | | Model EI02 | |
| Operating Temperature | J (321 sheath) 0 to 750°C K (310 sheath) -200 to 1100°C K (Inconel) -200 to 1100°C T (321 sheath) -200 to 350°C N (Pyrosil) -270 to 1300°C RT -50 to +450°C (4.5 / 6.0mm) | Operating Temperature | -60 to +350°C Thermocouples -50 to +250°C Resistance Thermometer |
| Type | J, K, T or N 4 wire Resistance Thermometer | Type | J, K, T or N 4 wire Resistance Thermometer |
| Hot junction | Insulated as standard | Hot junction | Grounded (T/C) as standard |

General Specification

Probe Diameter : 3.0, 4.5 or 6.0mm
Termination : Flying tails

| <u>Model code</u> | | | | |
|---------------------|-------------|------------------------|-----------------------|--|
| Model | Calibration | Probe Diameter (in mm) | Sensor Length (in mm) | Options |
| EI01 | J | 30 (3.0mm) | 050 (50mm) | Hot Junction Suffix code with I or G if not standard |
| EI02 | KI (Inc) | 45 (4.5mm) | 100 (100mm) | |
| | T | 60 (6.0mm) | 200 (200mm) | |
| | N | | | |
| | RT | | | |
| Duplex | | | | |
| DEI01 | | | | |
| DEI02 | | | | |
| (3 wire Only Pt100) | | | | |

Accessories



Compression fittings



Flange / Thermowells



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