



### Sensor Specification

**Measuring Range** -100 to +250 °C\*  
**Sensor Type** Class 1 K-Type Thermocouple (NiCr/NiAl)

**Sensor Accuracy** (±1.5 °C ±0.25%)

\*May be used for temperatures down to -100 °C however insulation will become brittle at temperatures below -50 °C

### Physical Specification

**Plug Type** Miniature Thermocouple

**Weight** 6g

**Response Time**  
**Moving Gas** 0.1s (to 96% FSD)

### Calibration

A certificate of calibration, traceable to a national standard, can be supplied for an additional charge either at the point of purchase, or if the probe is returned for a service calibration.

### Approvals

Gemini Data Loggers (UK) Ltd. operates a Business Management System which conforms to ISO 9001 and ISO 14001.



### Related Products

This probe is suitable for use with:

**TGU-4550** Tinytag Ultra 2 Thermocouple

data sheet

Whilst every effort has been made to ensure the accuracy of this specification, we cannot accept responsibility for damage, injury, loss or expense from errors or omissions. In the interest of technical improvement, this specification may be altered without notice.

For pricing or any further information, please contact Omni Instruments Ltd.