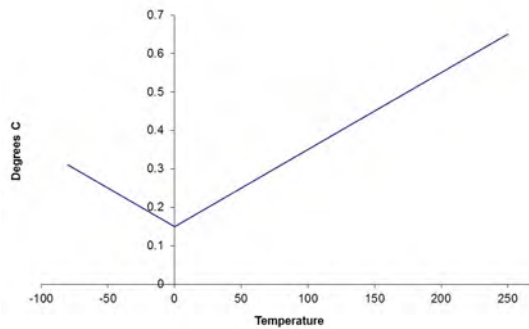


### Sensor Specification

**Measuring Range** -80 to +250°C (-112 to +482°F)  
**Sensor Type** PT1000 (Class A)

#### Typical Sensor Accuracy



### Physical Specification

**IP Rating** IP67 (waterproof)  
**Weight** 53g (1.5m cable version)

**Response Time**

**Moving Air** Typically better than 5 Minutes (to 90% FSD)

**Temperature Rating**

**Sheath, Spring & Cable** -80 to +250°C (-112 to +482°F)  
Do not flex the probe cable below -70°C (-94°F)

**Ferrite Bead** -25°C to +125°C (-13 to 257°F)  
**Connector** -25°C to +85°C (-13°F to 185°F)

**Materials**

**Sheath & Spring** Stainless steel (316)  
**Cable** Hyflon MFA  
**Ferrite Bead** 3 W 800  
**Connector** Nickel Plated Brass/Zinc Alloy

### Notes

This probe can be supplied with either a 1.5m or 3M cable.

For specialist use, for example applications bringing the product into direct contact with food, we can supply material data sheets so you can assess the suitability of this product for your application.

### 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 the following products:

#### Tinytag Plus 2 model number:

TGP-4204, TGP-4205

#### Tinytag View 2 model number:

TV-4204

#### Tinytag Ultra Radio model numbers:

TR-3201

#### Tinytag Plus Radio model numbers:

TGRF-4201, TGRF-4202

#### Tinytag Plus LAN model numbers:

TE-4201, TE-4202

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.

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