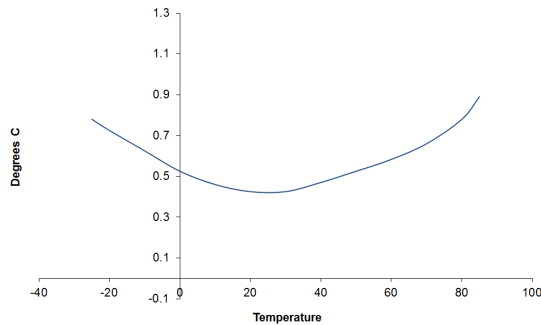


### Sensor Specification

#### Temperature

<b>Reading Range</b>	-25 °C to +85 °C
<b>Sensor Type</b>	10K NTC Thermistor
<b>Response Time</b>	10mins to 90% of the reading change (in moving air)
<b>Logger Resolution</b>	0.01 °C or better

#### Logger Accuracy



#### Relative Humidity

<b>Reading Range</b>	0 to 100% RH
<b>Accuracy</b>	±3.0% RH
<b>Reading Resolution</b>	0.04% RH
<b>Response Time</b>	16 seconds to 90% of the reading change (in moving air)
<b>Stability</b>	Better than 1% per year (typical)

If moisture forms on the RH sensor readings may become unpredictable.

Any dust or residue that is allowed to build up on the RH sensor will affect the reading accuracy.

The sensor may be cleaned with compressed air.

### Physical Specification

<b>IP Rating</b>	IP20
<b>Operational Range*</b>	-25 °C to +85 °C
<b>Dimensions</b>	
<b>Probe Length</b>	78mm / 3.07"
<b>Maximum Diameter</b>	16mm / 0.63"
<b>Weight</b>	76g / 2.68oz

\*The Operational Range indicates the physical limits to which the probe can be exposed.

### Notes

For specialist use 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.



### Required & Related Products

This probe is supplied with the following products:

#### Tinytag Ultra Radio model number:

TGRF-3505

#### Tinytag Plus Radio model numbers:

TGRF-4500, TGRF-4502

#### Tinytag Plus LAN model numbers:

TE-4500, TE-4502

#### Required Parts

To connect this probe to one of the above data loggers, a CAB-0034 connection cable is required (this is also supplied with the above loggers).

#### Related Parts

ACS-0045 Radio RH Probe Clip