PBRF-8002

Tinytag

Tinytag Radio/LAN Temperature & Relative Humidity Probe (-25 to +85°C/0 to 100% RH)
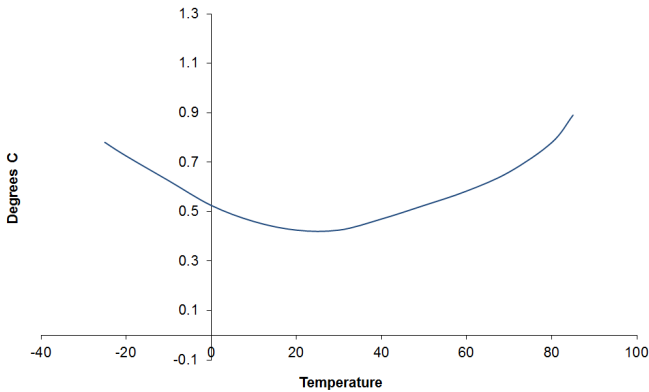
Reading Specification

Temperature

Reading Range	-25℃ to +85℃
Sensor Type	10K NTC Thermistor
Response Time	5mins to 90% of the reading change (in moving air)

Accuracy

Relative Humidity

Reading Range	0 to 100% RH
Accuracy	±3.0% RH
Response Time	90 seconds to 90% of the reading change
	(in moving air)
Stability	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.
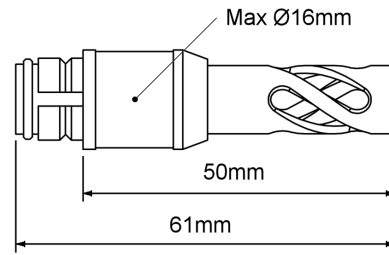
The sensor may be cleaned with compressed air.

Calibration

We recommend that the calibration of this probe should be checked annually against a calibrated reference meter.

A traceable certificate of calibration can be supplied for an additional charge either at the point of purchase, or if the unit is returned for a Service Calibration.

Physical Specification (Probe)

IP Rating	IP20
Operational Range*	-25℃ to +85℃
Dimensions	
Probe Length (excluding cable)	61mm / 2.4"
Maximum Diameter	16mm / 0.63"
Cable Length	1.5m / 59.055'
Weight	10g / 0.35oz

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

For specialist use we can supply material data sheets so you can assess the suitability of this product for your application.

Warranty

This product carries a manufacturing defects warranty of 12 months from the date of purchase. Probes returned under warranty will be repaired or replaced at the manufacturer's discretion. This warranty does not cover mishandling, modification and is subject to our standard Terms and Conditions of Sale, a copy of which can be found at **www.tinytag.info**.

Required and Related Products

This probe is supplied with the following products:

Tinytag Ultra Radio model number:

TGRF-3605

Tinytag Plus Radio model numbers:

TGRF-4600, TGRF-4602

Tinytag Plus LAN model numbers:

TE-4600, TE-4602

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

gemini DATA LOGGERS