

Sensor Specification

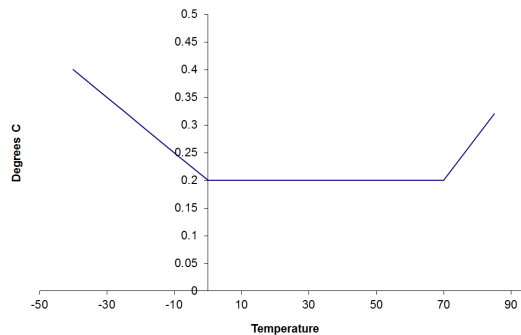
Measuring Range -40 °C to +85 °C (-40 °F to +185 °F)

This sensor can be used up to +85°C when used with a CAB-0038-XM sensor extension cable.

If the sensor is plugged directly into a data logger, the measuring range of the sensor will be limited to the operating range of the data logger used (see the Physical Specification section of individual logger data sheets for further information).

Sensor Type 10K NTC Thermistor

Sensor Accuracy



Physical Specification

IP Rating IP68 (waterproof)

Weight 13g (0.46oz)

Response Time 25 mins to 90% FSD (in moving air)

Temperature rating -40 °C to +85 °C (-40 °F to +185 °F)

Notes

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.

If used in salt water rinse with fresh water before storage. For prolonged exposure, smear the threads of the connector with petroleum jelly to minimise risk of corrosion.

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 sensor 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 sensor can be mounted remotely from a data logger using the following extension cable:

CAB-0038-XM 2-pin sensor extension cable

This sensor is compatible with the following data loggers:

Tinytag Ultra 2 model numbers:

TGU-4020, TGU-4510

Tinytag Plus 2 model numbers:

TGP-4020, TGP-4510, TGP-4520

Tinytag View 2 model numbers:

TV-4020, TV-4510

Tinytag Plus Radio model numbers:

TGRF-4021, TGRF-4022, TGRF-4024

Tinytag Plus LAN model numbers:

TE-4021, TE-4022, TE-4024