Gesa

Waterproof, with a temperature rating of 105℃, this unit is suitable for use in a number of applications such as industrial dishwashers.

The unit has a high visibility yellow case and an external probe which gives it a fast response time.

The unit can be returned to base for repair, calibration and battery replacement.

Data is downloaded to the computer via a USB or serial download pad. This 'wireless connection' eliminates the need for sockets with waterproof caps which can easily be lost or forgotten.

Popular Applications :
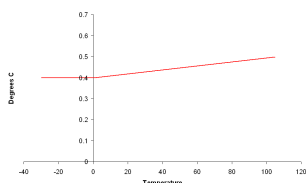Dish washers, Food processing, pasteurisation

Features

Total Reading Capacity	32,000 readings
Memory type	Non Volatile
Trigger Start	Magnetic Switch
Delayed Start	Relative / Absolute (up to 45 days)
Stop Options	When full After n Readings Never (overwrite oldest data)
Reading Types	Actual, Min, Max
Logging Interval	1 sec to 10 days
Offload	While stopped or when logging in minutes mode
Alarms	2 fully programmable; latchable

Reading Specification

Reading Range	-30℃ to +105℃ (-22℉ to +221℉)
Sensor Type	PT1000 (Integral Probe)
Response Time	10 seconds to 90% FSD in water
Reading Resolution	0.01℃ or better

Reading Accuracy

Calibration

This unit is configured to meet Gemini's quoted specification during its manufacture.

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

A ENAC 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.

Approvals

This equipment complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause any harmful interference, and (2) the device must accept any interference received, including interference that may cause undesired operation.

Gemini Data Loggers (UK) Ltd. operates a Quality Management System which conforms to ISO 9001. The scope of the system covers the manufacture, design and supply of data loggers and their associated software, accessories and services.

Notes

This logger contains no user-serviceable parts and should not be opened.

Battery Replacement Interval   Annually*

  * If deployed for long periods, the logger's battery should be replaced annually to prevent the loss of data during a recording run. If the logger is being used frequently, the battery should be changed when prompted by a low battery warning from the Tinytag Explorer software.
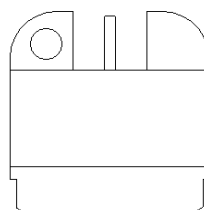
The battery in this unit can only be replaced by Gemini Data Loggers (UK) Ltd. or an authorised representative. Please see www.tinytag.info/support for further information.

The position of the unit's trigger start switch is indicated by the ⋯ marking on its base. The switch itself is positioned on the side of the unit, just above the base-lid join, on the edge indicated. When a magnet is held in the correct location, the status LED will light until the magnet is removed.

LED Flash Patterns

When logging, a status LED is visible through the base of the unit. The flash patterns of this indicator are as follows:

Status LED Flash Pattern	Indication
1 flash every 4 seconds 1 flash every 8 seconds	Logging Waiting to Log (trigger or delayed start set) Alarm limit
A double flash every 4 seconds	breached

SPLASH 2

Physical Specification

IP Rating	IP68 (waterproof) to 15m
Operational Range*	-30℃ to +105℃ (-22℉ to +221℉)
Case Dimensions	
Diameter	51mm / 2.01"
Height	51mm / 2.01"
Weight	95g / 3.35oz

*The Operational Range indicates the physical limits to which the unit can be exposed, these limits should not be exceeded.

Required and Related Products

To use this data logger you will require:

S WCD-0040: Tinytag Explorer software
or
SW-0500: Easyview Pro software

and an

ACS-3030: USB Inductive Pad

Further related products:

ACS-3020: Serial Inductive Pad

CE