

Configurations & Measurements

Type E

Single channel for temperature
12.000 to 25.000 measurements

- 7-1E Internal sensor
- 7-2E Fixed external sensor
- 7-3E For remote sensor
- 7-3EL For remote sensor type 2
(Low Temperature)

Type F

Two channels for temperature
Total 20.000+ measurements

- 7-1F Internal and remote sensor
- 7-2F Fixed ext and remote sensor.
- 7-3F For two remote sensors

Optional

Alarm output from relay, max 1A/30V DC,
0.5A/125V AC. Different relay functions are possible.

Special Alarm Functions

Two visual alarms may be set individually at start of logger as none, minimum or maximum alarm. A period of grace may be set in minutes. Alarms can be programmed to reset themselves once a day at a chosen time. Triggered alarms will flash with 4 seconds intervals alternating with the temperature display.

Technical Specifications

- Casing:** Polycarbonate, watertight to Ip68.
Size: 65x31x106mm,
weight 115 g
Ambient: -40+80°C
Battery: 1/2AA 3.6V
Expected battery life 2 years
Low battery warning
Interface: Special cable to Rs232 Serial Port
Security ID: Permanent serial number
Warranty: 1 years, sensors excl.



Watertight with Display

Thanks to the unique casing in clear polycarbonate it is possible to have a large display and watertight qualities as well. Actual temperature is displayed constantly. When the T-TEC 7 is set up for data logging, a logging indicator is turned on. When the logging starts, the indicator will flash with 2-3 seconds intervals.

Accuracy

Time: Synchronisation up to ± 5 seconds.

Temperature, Precision Thermistor:

With **standard sensor**

$\pm 0.2^{\circ}\text{C}$ for $0+70^{\circ}\text{C}$

$\pm 0.3^{\circ}\text{C}$ outside.

With **remote sensor type 2 (7-3EL)**

$\pm 0.7^{\circ}\text{C}$ $+20-85^{\circ}\text{C}$

$\pm 1.0^{\circ}\text{C}$ outside.

Resolution:

Better than 0.1°C for most of range.

Temperature Technology

105 Anzac Highway
Ashford SA 5035

Phone: 08-8297 7077

Fax: 08-8371 0558

Email: Sales@t-tec.com.au

