

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:** ½AA 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**
 - ± 0.2°C for 0+70°C
 - ± 0.3°C outside.
 - With **remote sensor type 2 (7-3EL)**
 - ±0.7°C +20-85°C
 - ±1.0°C outside.
- Resolution:**
Better than 0.1°C for most of range.

Temperature Technology

263 Gilbert Street
Adelaide SA 5000

Phone: 08-8231 1266
Fax: 08-8231 1212

Email: Sales@t-tec.com.au

