SYNCHRO COMP
ELECTRONICA INDUSTRIALA SI LABORATOR

TERMOGRAF

Temperature and Humidity Data Logger with Printer

according to the EN 12830:1999 European Standard for temperature recorders

The **TERMOGRAF** data logger records, saves and prints a maximum number of 4000 temperature and humidity recordings using the built in thermal printer. When an USB flash drive is connected to the device, all the recordings in the memory are saved on it in a newly created file. The maximum number of recordings depends on variant, and are taken at previously set moments in time. The data logger triggers an alarm (acoustic and visual) each time the temperature or humidity exceeds a lower or upper preset value for a user specified time interval. The stored temperature or temperature and relative humidity values can be printed when the user requests this action.

Technical Specifications

- √ Temperature range: from -55°C to +125°C (T probe)
  from -40°C to +80°C (T+RH probe)
- √ Relative humidity: from 0% to 100%
- √ Resolution for temperature: 0.1°C
- √ Resolution for humidity: 0.1%
- √ 2x16 character LCD display
- √ 58 mm wide thermal paper for printing

Complex menu, allowing

- Setting the time between recordings
- Setting the limits for triggering the alarm
- Setting the time period before triggering the alarm
- Setting company and installation location identifiers
- Printing the recordings in memory
- Deactivating the acoustic alarm, setting the real time clock, erasing the memory

Receipt

- √ Company name
- √ Location (car ID)
- √ Preset limit values
- √ Date (at the beginning and for each new day)
- √ Hour and measured parameter

Maximum temperature exceeded

Models

Code	Descriprion
TG-1T5m	Termograf with one built in temperature probe, 5 m probe cable length
TG-1T10m	Termograf with one built in temperature probe, 10 m probe cable length
TG-1T5mR	Termograf with built in temperature probe and relay, 5 m probe cable length
TG-1T10mR	Termograf with built in temperature probe and relay, 10 m probe cable length
TG-1TRH5m	Termograf with one built in temperature and relative humidity probe, 5 m probe cable length
TG-1TRH10m	Termograf with one built in temperature and relative humidity probe, 10 m probe cable length
TG-1TRH5mR	Termograf with built in temperature and relative humidity probe and relay, 5 m probe cable length
TG-1TRH10mR	Termograf with built in temperature and relative humidity probe and relay, 10 m probe cable length

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