

DIGITAL DATALOGGER MODEL TS 1300-V2



OUTSTANDING CHARACTERISTICS

- Stores in plug-in memory pack
- Local or remote operation
- Battery Power
- Great autonomy

DESCRIPTION

TECMES TS1300-V2 datalogger measures and stores data from industrial or hidrometeorological sensors.

Basically it is a microcontroller with low power consumption, with real time clock, programmable by operator from its keyboard/display or with a remote computer with RS232 serial port.

The electronic system is housed in a rugged enclosure which provides protection against humidity and dust. Its low weight makes it also portable.

TS 1300-V2 receives both analogical signals (tension, current, etc) and digital signals (pulses,etc) thus it can also be applied to other kind of sensors or transducers industrial, electrical, etc.

Its modular design offers a variety of combinations based in one product.

The physical support of the non volatile memory is a pack with unidirectional plug-in connection.



TECHNICAL SPECIFICATIONS

| | |
|---------------------|---|
| Input: | Analogical |
| Conversor: | A/D 12 bits, with auto zero calibration |
| Accuracy: | +/- 0,02% |
| Operational Range: | -30 a +60°C |
| Clock: | Real Time |
| Display: | LCD 2 lines of 20 characters |
| Keyboard: | Numerical |
| Input /Output Port: | Serial RS 232 (9600 bds) |
| Power: | 9 to 16 Vcc |
| Autonomy: | 6000 memory data or 4 months. |
| Memory Packs: | 32 Kb. Limitless autonomy. |
| Dimensions: | 300 x 150 x 180 mm |

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OPERATIONS PROGRAMMES

The datalogger has two operational programs:

- ✓ **Periodical:** Measures sensors at specified scan rate(s) between 1 and 99 minutes.
- ✓ **Incremental:** Measures sensors at every time change and when the parameter value exceeds the specified increase recorded by the operator in a scan between 1 and 99 minutes. In model TS1300-V2 the measure is made when the pulses amount recorded exceeds the specified by the operator (between 1 and 99).

MODELS

Model TS 1300-V: With analogical input RS 232 a 9600 bds.

Model TS 1300-V/P: With pulses input RS 232 a 9600 bds

Request for other specification

Made in Argentina

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