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MINI DATA LOGGERS HAVE MASSIVE MEMORY TO PROVIDE NON-STOP DATA ACQUISITION FOR UP TO 2 YEARS !

Highly accurate and robust, the new Sefram mini data loggers feature a large memory – which is designed to measure and record humidity, temperature, voltage or current continuously for up to two years. This Sefram Log family, from Metrix Electronics, are self-powered units that are ideal for collecting data in environmental, transport, processing, pharmaceutical, heating & air conditioning, electrical and process control applications.

Special versions are available featuring a tamper-proof bonding cable that can be attached to perishable food, medical or pharmaceutical products and monitor them during transportation or storage. Some models are watertight to IP68 standards to record temperatures in high humidity conditions, for example during refrigerated transport. Other models are designed for voltage or current inputs up to 25V or 25mA for electrical and process control applications.

All models are just 42x57xmm in size and weigh only 52g. They feature two LEDs that instantly show if pre-set alarms, such as temperature limits, have been exceeded. Their large memory can store up to 21,600 measured values with a 12-bit precision and the sample interval is selectable from 500ms to one hour. The accumulated data from up to four Sefram Log units can be transferred to a PC via an infrared link, without needing to stop their data acquisition process. Downloaded data is easily analysed and displayed in graphical or tabular formats using convenient Windows® based software.

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