

U7844M GSM

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GSM datalogger is designed to record from four binary inputs or from two pulse and two binary inputs. In case of exceeded set limits, SMS and JSON messages can be sent via GPRS data connection. Measured values can be sent to the internet storage [COMET Cloud](#), which is a complete monitoring, alarm and analysis system.

It is also possible to set the regular sending of JSON messages to COMET Database, the sending interval is adjustable. Alarms are also indicated locally by LED, LCD and acoustically by built-in beeper. The recording is performed in a non-volatile electronic memory. The data can be transferred to a PC via included USB-C cable.

GSM datalogger inputs can be set up for four binary inputs or two binary inputs and two pulse counters.

The device **includes Traceable calibration certificate** with declared metrological traceability of etalons is based on requirements of **EN ISO/IEC 17025 standard**.

Table

Power supply	0 V to +30 V DC
Input impedance	< 10 kΩ (resistor) / > 300 kΩ (inductor)
Resolution	24 bits (16 777 215)
Sampling rate	1 s to 24 h
Measurement interval	1 s, 10 s, 1 min
Memory	500 000 records (350 000 records)
Dimensions	61x93x53 mm (120x93x53 mm)
Weight	270 g
Life span	3 years