



Analog and digital multimeter, multiple functions, scrolling and data handling, 1 photoelectric sensor

**EQ228GJM**

### Function

USB connection for data transfer to external memory, allowing data analysis through CidepeLab software or other data analysis software, metal case, keyboard protected with polycarbonate sheet, LCD, five input ports for sensors, allows scrolling and identification of the values  $\mu$  measured on the screen itself, resolution 50 microseconds, reading range 50 microseconds to 99.99995 s, command keys guided by the display, browser / reset, these same keys allow programming, triggering, restarting, reset, scrolling data (reviewing the acquired values), command with manual triggering of up to 10 consecutive time intervals independent of sensors, coupled to photoelectric digital sensors allows to increase distances between sensors and object sizes, increment and decrement of insertion digits, displays and identifies measured values  $\mu$  through scrolling of data, measures and stores 1 to 4, 10, 20 and 30 time intervals, has functions such as measuring consecutive time intervals both for passage between sensors and passage through the sensor, flight time, passage time up to 10 consecutive passes of the furniture by the same sensor, time of furniture passing before and after collisions, recording up to 30 data shots, determines the speed of a piece of furniture, the speed of passing through a sensor, the final speed, the acceleration of a piece of furniture, the speed of sound using auxiliary microphones, the kinetic energy of a piece of furniture, the period and frequency of periodic movements performed by a physical body, command with automatic triggering, when coupled to corresponding analog sensors it performs absolute pressure measurements from 20 to 250 kPa, flow for

water from 0.3 to 6 L/min, magnetic field from -10 to 10 G, electric current 20 mA, electric current 200 mA, electric voltage from -20 to 20 V, luminosity from 6 to 5000 Lux, differential pressure from 0 to 250 mmH<sub>2</sub>O, force from 0 to 10 N, temperature from -50 to 150 °C and connection cable

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