

MULTI CHANNEL DATA LOGGER

MCD-500



- 9 Channels
- 5 Analog, 2 Digital, 1 Humidity, 1 Temperature Sensor Outputs
- Analog Output: 4...20 mA and 0... 2,5 V.
- Digital Output: Puls, Frequency and Period measurements
- 1 unit Analog Output 4...20 mA.
- For Analog Output 24 bit Digital Resolution
- Each channel can be calibrated and changed through software program
- Each channel name and other data can be entered through software program
- 2 units Digital Output (to control Alarm and Motor) Transistor NPN output max. 100 mA.
- Record Gap: 1...1440 min. Each channel record gap can be set up separately through software program
- 128x64 bit Graphic Dot Matrix LCD screen
- Battery Level, Instant Level, Each Channel status and Memory details can be seen on the screen
- Recorded values can be seen on screen through keypad on the logger
- Interface: RS-232, USB (Virtual Com port (CDC))
- 2 Types Recording:
 - Instant Data Record and Average Record per minute
 - Instant Values and Instant Min./Max.Values, Daily
- RS-485 port for instant values and remote interface
- Average Values and Daily Min./Max.Values are recorded
- Memory Capacity: 8 MB (1.334.000 data)
- Data Storage Capacity: 100 years
- Data Flash Technology
- No Data Loss when battery is out or dead. Continues recording when it is connected to energy
- Power Supply: 8...32 VDC
- Energy Consumption: Average 10 mA. In normal conditions
- Time Deviation: ± 1 min./year RTC
- Working Temperature: -40°C and $+80^{\circ}\text{C}$ / %95 humidity
- Protection Class: IP: 65
- GSM/GPRS Data modem connection, data exchange and setup through Serial Port

Area of Usage

- Dams, Rivers, Underground Wells
- Agricultural Irrigation Fields
- Meteorology Stations
- Hydroelectric Power Plants (HPP)
- Wind Power Plants (WPP)
- Photovoltaic Power Plant (PVPP)



- Wind Speed
- Wind Direction
- Air Temperature
- Air Humidity
- Precipitation
- Atmospheric Pressure

- Evaporation
- Sunshine Duration
- Radiation
- Snow Level
- Snow Density
- Soil Humidity&Temperature

