

NEW GDL-2 DATALOGGER

GDL-2 is versatile datalogger/panel meter with many different analogue measurement options. In addition to this, datalogger has a calculating, event monitoring and contact input for alarm and counting monitoring. Datalogger has graphic display, relay controls (2 pcs) and USB, RS-485, GPRS and Envinet interfaces for communication.

APPLICATIONS:

- Industrial process automation
- Industrial environmental monitoring
- Data logger for storage facilities
- Data logger for laboratories
- Heater or cooler control

Delivery Content:

GDL™ - datalogger,
power supply and
Meslog program



Inputs	2/10/18 analogue inputs, configured for Pt-100 resistance sensors for temperature measurements in range -100...+600 °C, accuracy +/- 0,1 % from the reading, in thermocouple measurements automatic cold junction T-type range -200...+400 °C, accuracy +/- 0,5 °C, K-type range -200...+1200 °C, accuracy +/- 1 °C, S-type range -50...+1750 °C, accuracy +/- 2 °C. Resistance measurement 0...1000 ohm, accuracy +/- 0,1 %.
Universal inputs	Current signal (0)4...20 mA, scalable and linearized for desired variable and measurement range, accuracy +/- 0,1 %. Voltage signal 0...10 V, scalable and linearized for desired variable and measurement range, accuracy +/- 0,1 %. A/D resolution 16...24 bit, accuracy is determined for every input 4 pulse inputs that can be configured <ol style="list-style-type: none"> 1. relay alarm functions 2. frequency/quantity measurements 3. pulse counting 4. controlling analogue measurements
Outputs	2 relay outputs for A and B class alarms, closing relay key, 230 V AC 1A or 24 VDC 3A, 2 adjustable lower and upper limit alarms for analogue points
Data interfaces	USB interface to computer, RS-485 interface for external I/O apparatus, Envinet wireless interface for external I/O-apparatus (option), GPRS connection , for remote reading of measurement outcomes and cloud service
Saving memory	2 million samples , that means in 2-channels 1 million measurement outcomes/channels. In 10-channel 200 000 measurement outcomes/channel. 18-channel 111 000 measurement outcomes/channel.
Alarm functioning	2 adjustable alarm limits/channel, upper/lower limit choice. Importance class, alarm delay and hysteresis definable.
General	Voltage supply 230 VAC 50 Hz or 18-36 VDC max 4 W. Measurement speed 10 measures/second. Flush mounting case 96x48x109 mm GDL-2, 96x96x109 mm GDL-2/8/16. Operating temperature -20...+50 °C.