

PL200-G Pressure Logger

System or Building Water Pressure Gauge with Garden Hose Connection



Description

Global Water's PL200-G Water Pressure Datalogger makes it easy for you to verify low water pressure complaints, locate water pressure spikes, and even provide data for water distribution system modeling. With its standard 3/4" garden hose connection and compact, water-resistant enclosure, you can use the PL200-G to record water pressure data just about anywhere.

Flexible Datalogging

The unit's massive memory buffer will store over 81,000 readings, with user-defined intervals from 1 per second to more than 1 per year. You can easily capture momentary pressure spikes and dips with the PL200-G's fast, 10 water pressure samples per second sampling mode. You can also use the unit's programmable start and stop alarm times to synchronize multiple PL200-G's to start at the same time, delay starting until a preset time, or limit the number of recordings during a day.

Smart Power

The unit operates on two standard 9 volt batteries, which it monitors so you will not be caught off guard with dead batteries. Data is stored in non-volatile flash memory so your water pressure data will be safe.

Capable Software

The PL200-G is equipped with a standard USB data port and includes our user friendly Global Logger II Windows™ software, which allows for easy setup, calibration, upload, and data transfer to a spreadsheet program on your laptop or desktop PC. The Global Logger II software also has online help files that are easily accessed using drop down menus and links so that you can quickly find the answers to your questions.

Specifications

Pressure Logger

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|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Accuracy | ± 1.0% full scale |
| Operating Temperature | Industrial, -40°C to +85°C (batteries may not apply) |
| Pressure Range | 0-200 psi, 300 psi overpressure |
| Pressure Connection | Standard 3/4" garden hose thread |
| Memory | Non-volatile flash memory |
| Sample Modes | Fixed Interval: Programmable from 1 sec to >1 year High Speed: 10 samples/sec Logarithmic: Approximation Exception: Log only on programmed deviation from previous reading |
| Storage Capacity | 81,759 recordings of two analog inputs, battery voltage monitor, pulse channel, and date/time stamp |
| Data Overwrite | Select memory wrap or unwrap (unwrap will stop logging data once memory is full) |
| Communications | USB Type B |
| Selectable Baud Rates | 9600, 19200, 28800, 38400, 57600, 115200 |
| Clock | Synchronizes to the time and date of user's computer |

Features

- Rugged and easy to use
- Records over 81,000 pressure readings
- Standard garden hose pressure connection
- Fast 10 per second recording mode to catch spikes and dips
- Includes user-friendly Windows™ software
- Battery operated
- Water-resistant enclosure

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|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power | Two 9VDC alkaline batteries standard; 8 VDC min. to 24.0 VDC absolute maximum Standby Current: 65µA typical Logging Current: 5mA typical + sensor current |
| Enclosure | NEMA 4X, polycarbonate |
| Weight | 0.8 lb (363 g) |
| Dimensions | 4 x 3-1/4 x 3-1/8" (10 x 8 x 8 cm) |

Global Logger II Software

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|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Compatibility | Microsoft's Windows™ 98, ME, 2000, NT, and XP |
| Features | Tabular display/printout Data in standard spreadsheet format (CSV) Programmable alarm start and stop times Field calibration software included |

Ordering & Options

| Order No. | Description |
|-----------|-----------------------------|
| PL200-G | Garden Hose Pressure Logger |



Global Water
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