PL200-G Pressure Logger

System or Building Water Pressure Gauge with Garden Hose Connection

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

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 ¾" 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.

NOTE: 64 bit operating systems are not currently supported.

Specifications

Pressure Logger

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 ¾" 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

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

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
a xylem brand