

# PL200-H-1 Hydrant Water Pressure Loggers

Water distribution system pressure recorder with standard hydrant connection.



- Rugged and easy to use
- Records over 81,000 pressure readings
- Versatile ez-connector adapts to most thread sizes
- Fast 10 x per second mode to catch pressure spikes
- USB port works with any desktop or laptop PC
- Includes user friendly Windows™ software

## **Description**

The Global Water PL200-H-1 Hydrant Water Pressure Logger is an easy to use water pressure data logger that will assist you to quickly identify and locate distribution pressure problems as well as a wealth of system modeling data.

### Smart Hydrant Connection Design

The Hydrant Water Pressure Logger's ez-connect adapter system allows you to connect directly to a standard 2 ½ inch NST(NH) fire hydrant port, or easily adapt to other hose threads and special "city" threads. Designed to resemble a regular hydrant cap, the PL200-H-1 is less likely to be stolen or vandalized by casual passers by.

The Hydrant Water Pressure Logger's massive memory buffer will store over 81,000 pressure readings with user defined intervals from 1 per second to more than 1 per year. Plus, the logger's fast, 10 samples per second sampling mode can capture momentary events like pressure spikes and water hammer. (Note: Fast recording will reduce battery life.) Programmable start and stop alarm times makes it possible to synchronize multiple PL200-H-1 loggers to start simultaneously, delay start until a preset time, or limit the number of recordings

### Powerful Datalogging

during a given time period.

## **Specifications**

Accuracy: ± 1.0% full scale

Operating Temperature: Industrial, -40°C to +85°C (batteries may not

Pressure Range: 0-200 psi, 300 psi overpressure

Pressure Connection: Standard 21/2" BSPP (British Standard Pipe Parallel) threads

Sample Modes: Fixed Interval: Programmable from 1 second to >1 year High Speed: 10 samples/second

Exception: Log only on programmed deviation from previous

Storage Capacity: 81,759 recordings, battery voltage monitor, and date/time stamp

Communications: USB Type B

Power: 3.6 volt lithium AA (apprx. 1 year battery life or 2 million

Enclosure: Machined anodized aluminum fitting, polycarbonate electronics housing

Weight: 1.8 lbs (0.9 kg)

Dimensions: 3.9 in dia. x 3.1 in tall (9.9 cm dia. x 7.9 cm tall)

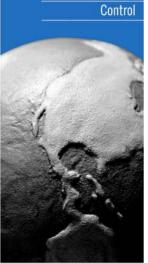
### **Options and Accessories**

PL200-H-2 Hydrant Water Pressure Logger Includes weather-resistant logger unit, 2-1/2 inch NHT F-F adapter and software package with USB cable.

PL200-H-1 Hydrant Water Pressure Logger Includes weather-resistant logger unit and software package with USB cable. Adapter not included.

01-826 Hydrant Water Pressure Logger Adapter 2-1/2 inch NHT-F x 2-1/2 inch BSP-F Adaptor

**01-827** Hydrant Water Pressure Logger Spanner Wrench Spanner wrench for 3.9 inch outside diameter.



Contact

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**Global Water** 

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