

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 1/2" 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.

Powerful Datalogging

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 during a given time period.

NOTE: 64 bit operating systems are not currently supported.

Specifications

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 2 1/2" 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 reading

Storage Capacity: 81,759 recordings of two analog inputs, battery voltage monitor, pulse channel, and date/time stamp

Communications: USB Type B

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

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 Adapter

01-827 Hydrant Water Pressure Logger Spanner Wrench

Spanner wrench for 3.9 inch outside diameter.

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