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

![Image of PL200-H-1 Hydrant Water Pressure Logger]

**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 2½ 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 passersby.

**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.

**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 2½" 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, battery voltage monitor, and date/time stamp
- **Communications:** USB Type B
- **Power:** 3.6 volt lithium AA (approx. 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 Adaptor
- **01-827** Hydrant Water Pressure Logger Spanner Wrench
  Spanner wrench for 3.9 inch outside diameter.

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