

**Badger®  
Series 2100  
Flow Monitor**

**Well Pump -  
Water Treatment-Flouridation  
Control**

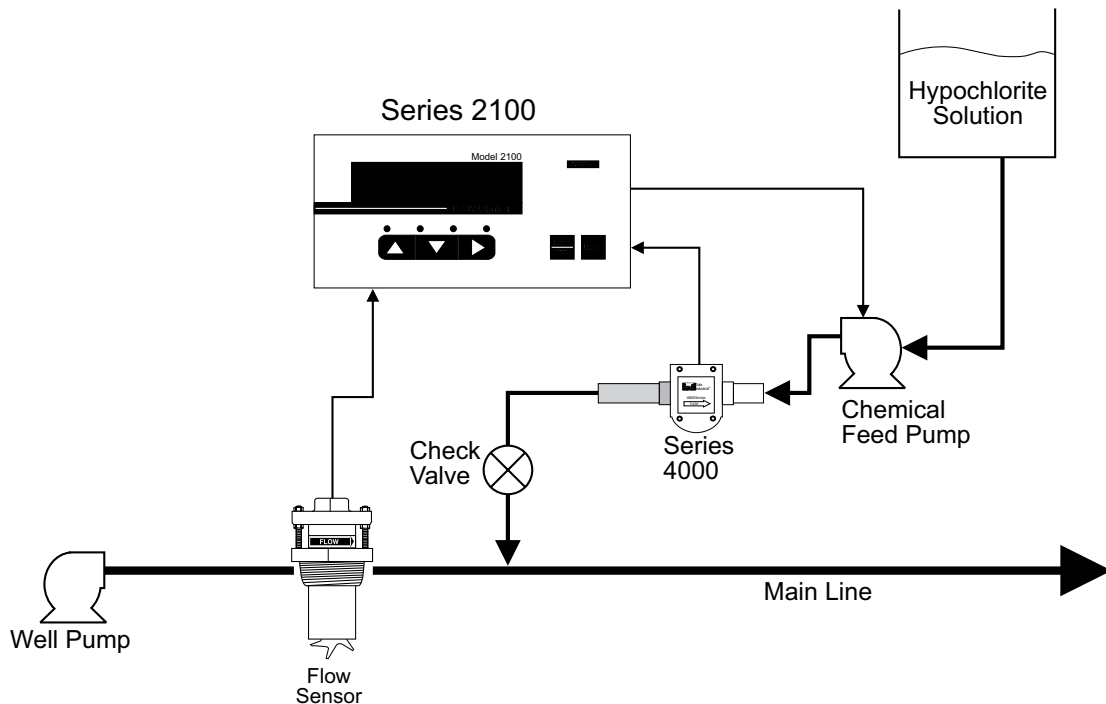
**Application  
Brief**

These systems will accurately and proportionally inject chemicals like hypochlorite solutions into the varying well water flows.

The Badger Meter flow sensor provides a linear repeatable output over a wide dynamic range. This output interfaces with the Model 2101 flow monitor. The metering pump is automatically controlled from its pulse output signal to inject a fixed amount of chemical based on a field-programmed number of gallons pumped into the main discharge line. As more flow is required at peak times,

the pulse output signal (constant at a certain number of gallons, i.e. 1.0 every 100 gallons, 1000 gallons, etc.) continually cycles the chemical pump more frequently to help maintain proper and consistent proportions. As demand lowers, the chemical pump automatically pulses slower.

The Series 4000 sensor on the hypochlorite line with the Model 2101 can be used to totalize the amount of solution used for record keeping.



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