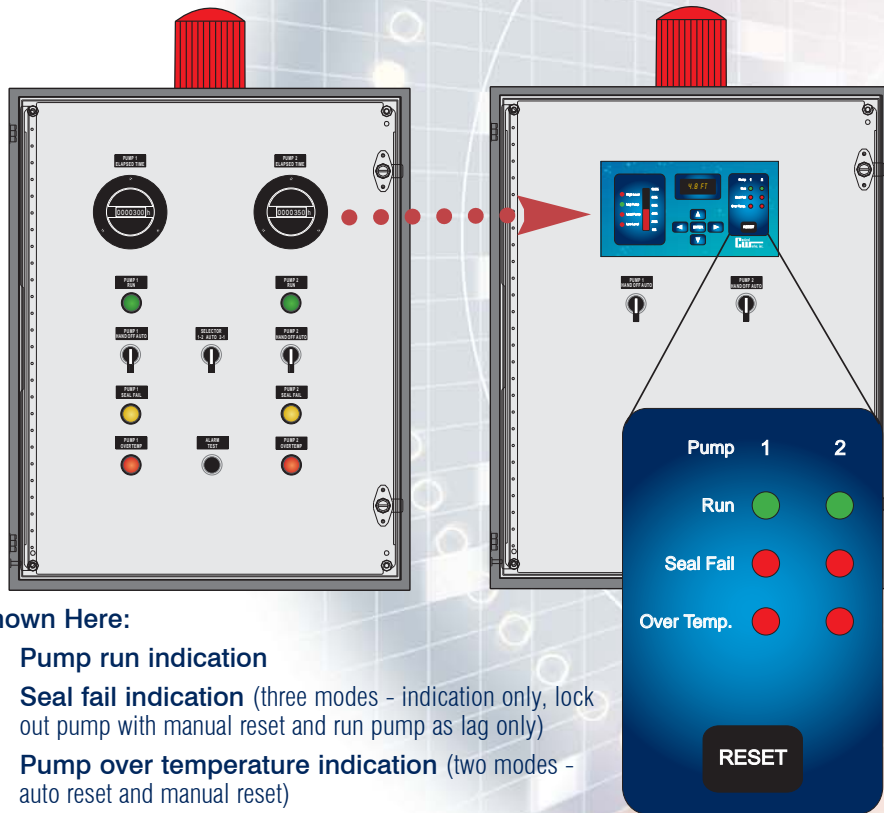


ALSO AVAILABLE

## SP6R-LSC Lift Station Controller

Simplify your control panel with the SP6R-LSC Controller featuring:

- 4-20 mA level input with configurable zero and span
- Bar graph display of wet well level
- **Six level set points:** low level (with relay output), stop lead pump, stop lag pump, start lead pump (with relay output), start lag pump (with relay output) and high water alarm (with relay output)
- Run time meter and cycle counter for each pump
- Automatic alternation
- Alternating sequence selector (1-2/auto/2-1)
- Lag pump start delay (1-600 sec.)
- Pump down or pump up configurable
- Simulation mode



Shown Here:

- Pump run indication
- **Seal fail indication** (three modes - indication only, lock out pump with manual reset and run pump as lag only)
- **Pump over temperature indication** (two modes - auto reset and manual reset)

**Control**  
**CW**orks, inc.

1179 US Highway 50 • Milford, OH 45150 USA

Phone: 513-831-9959 • Fax: 513-831-3549

[www.controlworksinc.com](http://www.controlworksinc.com)

©Control Works, Inc. 07/08



**SP6R**  
**LEVEL CONTROLLER**

4-20 mA Input

6 Programmable Relay Outputs

Bar Graph

Control Works, inc.

Control Works, inc.

[www.controlworksinc.com](http://www.controlworksinc.com)

# SP6R Level Controller

Control Works, Inc. introduces the SP6R Level Controller. This simple, easy-to-use microprocessor-based controller monitors any 4-20 mA signal. It has six programmable relay outputs that can be used for control and alarm. The transducer input zero and span are fully configurable. A simulation mode allows the user to test the set-points and relay operation. The controller can be configured for pump up or pump down applications.

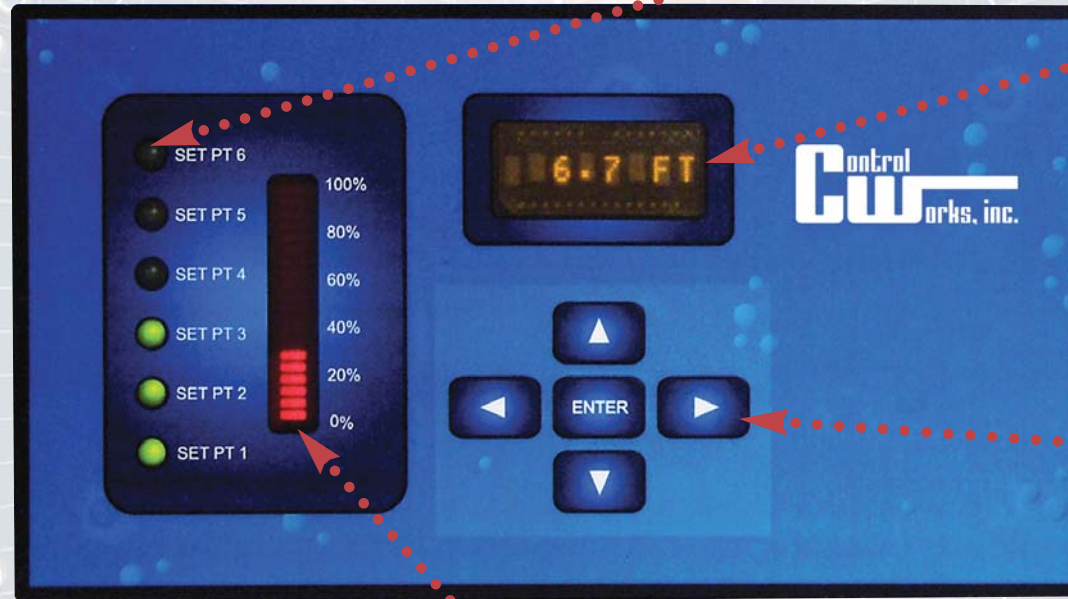
## Applications

- Level Monitoring  
Replace float switches with pressure transducer and SP6R
- Pressure
- Temperature
- Flow
- Analytical



## NEMA 4X VERSION

The SP6R Level Controller is also available in a NEMA 4X enclosure. These units are ideal for replacing float switch or "Bubbler" control systems. Complete, turn-key control systems are also available. Call today for more information: 513-831-9959.



## ● Analog Input

0.1% resolution 4-20 mA signal. Built in noise filtering and averaging.

## ● Excitation Voltage

24 VDC, 30 mA available for loop powered transducers.

## ● Relay Outputs

6 programmable relay outputs with LED indication. Form C Contacts: rated at 10 A at 240 VAC.

## ● Level Display

Eight character alpha-numeric LED for process value display and program parameters.

The display is avionics grade and is sharp and clear, even in direct sunlight from 10 feet away.

## ● Power

24 VDC (+/- 10%).  
200 mA nominal, 400 mA max.

## ● Keypad

Arrow keys are used to navigate through the configuration and used for adjusting set points.

## ● Operating Temperature

-20°C to 70°C (-4°F to 158°F)

## ● Simulation Mode

In this mode, the process value is simulated and increased or decreased using the arrow keys to verify proper relay sequence operation.

## ● Bar Graph

20 segment bar graph display is scalable to represent actual level in percentage.

**Competitively Priced - Call for a quote today!**

513-831-9959 or FAX 513-831-3549

MADE IN USA