

SP6R-LSC

DUPLEX PUMP CONTROLLER



OVERVIEW

The SP6R-LSC Pump Controller is a simple, easy-to-use microprocessor-based controller which monitors the level via a submersible pressure transducer or any other device with a 4-20mA signal output. It has six level set points for high water alarm, start lag pump, start lead pump, stop lag pump, stop lead pump and low level.

The SP6R-LSC displays level set points, pump run time, pump cycle count and actual level. The transducer input zero and span are fully configurable. In addition, it provides automatic pump alternation and has a simulation feature. The controller can be configured for pump up or pump down applications.

The SP6R-LSC Pump Controller is available in a NEMA 4X enclosure. These units are ideal for replacing float switch, pressure switch or bubbler control systems.



Complete turn-key control systems are available through our Premier Engineered Controls product line.

SPECIFICATIONS

- **Analog Input**
0.1% resolution 4-20mA signal, built in noise filtering and averaging
- **Excitation Voltage**
24 VDC, 30mA available for loop powered transducers
- **Level Display**
Avionics grade, alpha-numeric character LED for process value display and program parameters.
- **Input Power**
24 VDC (+/- 10%) 400mA max.
- **Keypad**
Arrow keys for navigation through the configuration and to adjust set points
- **Operating Temperature**
-20°C to 70°C (-4°F to 158°F)
- **Bar Graph**
20 segment bar graph display is scalable to represent actual level in percent full
- **Relays**
4 programmable relay outputs rated at 10A at 240 VAC
- **Pump Indicators**
LED indicators for each pump: run lights, seal fail, over temperature
- **Run Time Meters and Cycle Counters**
for each pump



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