

SIMPLICITY AT ITS BEST

SP6R-L50C

Duplex Lift Station Controller

Bar Graph

4-20 mA Input

Automatic Alternation

Motor Status LEDs

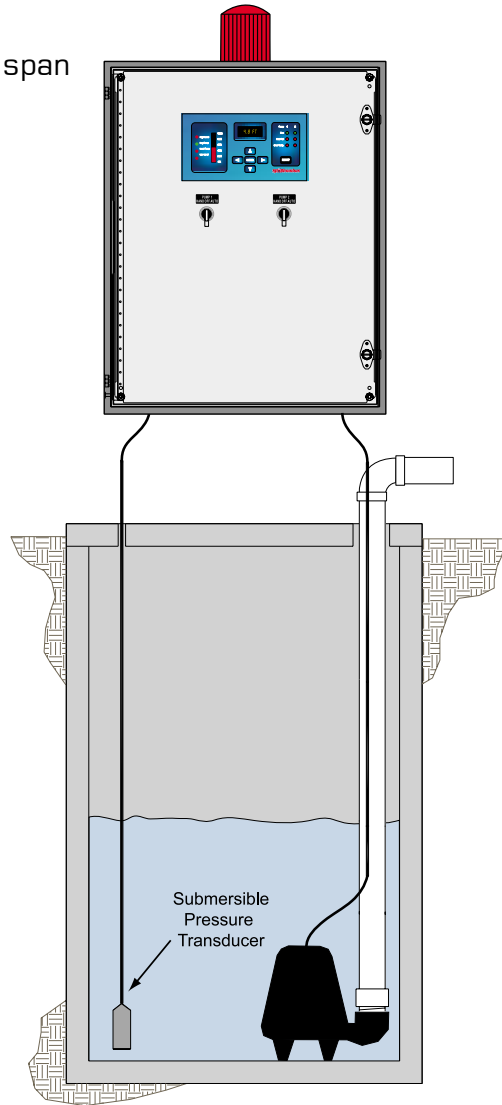


SIE
Rhombus
CONTROLS

www.sjrhombus.com

FEATURES

- **4-20 mA** level input with **configurable** zero and span
- Bar graph display of wet well level, **configurable** to Ft, In, % or metric
- **Six** level set points:
 - High water alarm (with relay output)
 - Start lag pump (with relay output)
 - Start lead pump (with relay output)
 - Stop lag pump
 - Stop lead pump
 - Low level (with relay output)
- Run time meter for each pump
- Cycle counter for each pump
- Automatic alternation
- Simulation mode with automatic time out
- Lag pump start delay (1-600 sec.)
- Pump run indication
- Seal fail indication (3 modes)
 - Indication only
 - Lock out pump with manual reset
 - Run pump as lag only
- Pump over temperature indication (2 modes)
 - Lock out pump with auto reset
 - Lock out pump with manual reset



SPECIFICATIONS

Analog Input:

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

Excitation Voltage:

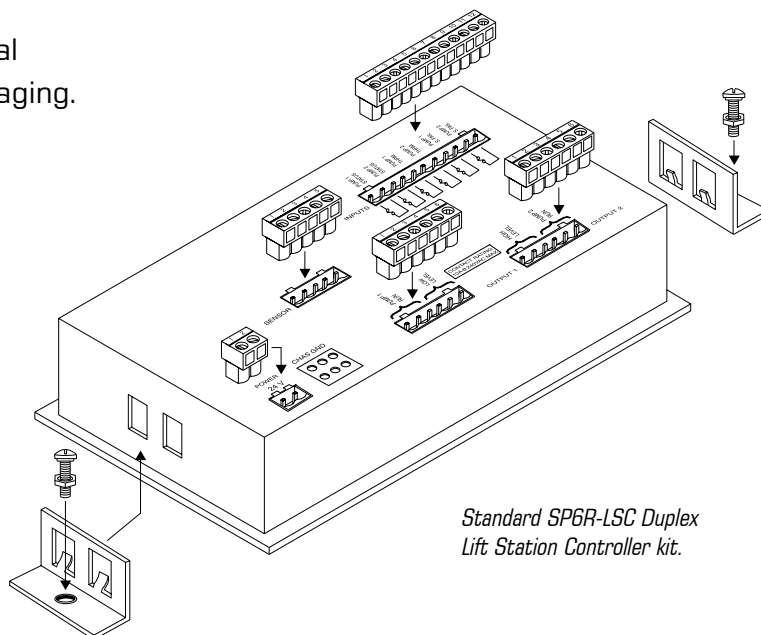
24 VDC, 30 mA available for
loop powered transducers.

Input Power:

24 VAC or VDC (+/- 10%).
400 mA max.

Operating Temperature:

-20°C to 70°C
(-4°C to 158°F)



Standard SP6R-LSC Duplex
Lift Station Controller kit.

Competitively Priced!

1-800-RHOMBUS (1-800-746-6287)

SP6R LEVEL CONTROLLER

The **SP6R Level Controller** is an **easy-to-use** micro-processor-based controller which 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 include: level monitoring, pressure, temperature, flow and analytical.

NEMA 4X

The SP6R Set Point Controller and SP6R-LSC Duplex Lift Station Controller are also available in a **NEMA 4X** enclosure. These units are ideal for replacing float switch or "bubbler" control systems. Call today for details!

1-800-RHOMBUS (1-800-746-6287)



22650 County Highway 6
PO Box 1708
Detroit Lakes, MN 56502
Phone: 218-847-1317
Fax: 218-847-4617

1-888-DIAL-SJE (1-888-342-5753)
www.sjerhombus.com



©SJE-Rhombus
Printed in USA 11/03