

MODEL LSC12 - SJE-Rhombus Pro-Line Transducer Based Panel

Single phase, duplex, transducer based lift station control system for alternating pump control and system monitoring.

The Model LSC12 control panel is designed to control two single phase (120/208/230 VAC) pumps in water and sewage installations.

The Model LSC12 control panel features a simple, easy-to-use micro-processor based controller which monitors the pump run, pump seal failure and pump over temperature status. The controller has a built in alternator, run time meters, cycle counters and a level simulator. Level is monitored via a submersible transducer (4-20 mA).

Note: Model LSC12 panel's inner door shown in photo.

PANEL FEATURES

- NEMA 4X engineered thermoplastic enclosure; aluminum dead front with inner door. Approximate dimensions: 18" x 16" x 10" inches.
- Anti-condensation heater.
- HAND/OFF/AUTO switches (heavy duty 22 mm).
- High water alarm beacon and horn for visual/audio warning.
- Alarm test/normal/silence switch.
- Auxiliary alarm contacts.
- Incoming power, pump, and transducer terminal blocks.
- Hydrostatic level transducer for **raw sewage** applications or for **effluent/clear water** applications.
- Two back up floats (low level cutout, high level alarm).
- Pump seal fail/monitoring circuitry.
- UL 508A Listing on control panel.
- Two-year limited warranty.

CONTROLLER FEATURES

- 4-20 mA level input with configurable zero and span. The unit of measure is configurable to feet, inches, percentage or metric.
- 20 segment bar graph display of wet well level.
- Six programmable level set points (high water alarm, start lag pump, start lead pump, stop lag pump, stop lead pump, low level alarm).
- Avionics grade alpha-numeric LED for process value display and program parameters.
- Pump over temperature indication (two modes: lock out pump with auto reset, lock out pump with manual reset).
- Seal fail indication (three modes: indication only, lock out pump with manual reset, run pump as lag only).
- High level and low level indication (two modes: auto or manual reset).
- Elapsed time meter and cycle counter for each pump.
- Automatic alternation (lead-lag/auto selectable).
- Lag pump start delay (programmable 1-600 seconds).



LEVEL CONTROLLERS/
PANELS

LEVEL TRANSDUCERS



Raw Sewage
Transducer

OR

Effluent
Transducer

ORDERING INFORMATION

NOTE: Single phase models DO NOT include external pump capacitor kits - please call factory for quote if required.

TECHNICAL SPECIFICATIONS:

Technical specifications are available at www.sjrhombus.com or contact Customer Service at **1-888-DIAL-SJE** (1-888-342-5753).

FOR OPTIONS NOT LISTED:

For options not listed or if engineered specifications are available, please contact a SJE-Rhombus Sales Engineer at **1-888-DIAL-SJE** (1-888-342-5753) or **1-800-RHOMBUS** (1-800-746-6287).

SJE
Rhombus
CONTROLS

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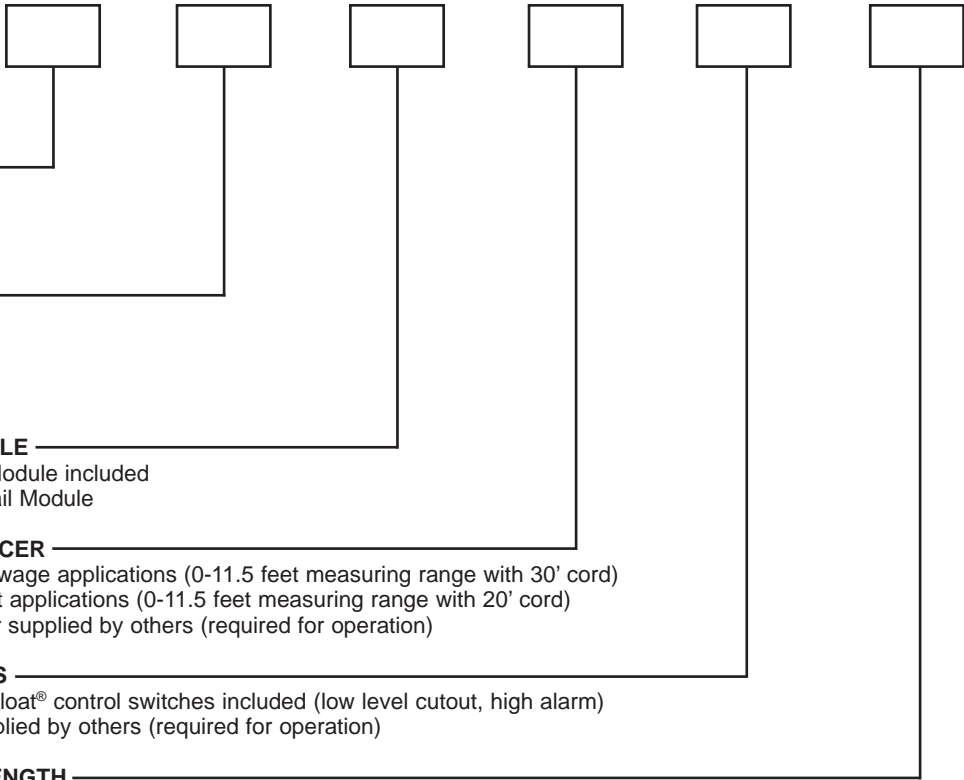
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LSC12



MODEL LSC12

LINE VOLTAGE

- 0 = 120V
- 1 = 208V
- 2 = 230V

PUMP FLA

- 0 = 0-7 FLA
- 1 = 7-15 FLA
- 2 = 15-20 FLA
- 3 = 20-30 FLA

SEAL FAIL MODULE

- S = Seal Fail Module included
- Blank = No Seal Fail Module

LEVEL TRANSDUCER

- R = For raw sewage applications (0-11.5 feet measuring range with 30' cord)
- E = For effluent applications (0-11.5 feet measuring range with 20' cord)
- Blank = Transducer supplied by others (required for operation)

BACK UP FLOATS

- F = 2 Sensor Float® control switches included (low level cutout, high alarm)
- Blank = Floats supplied by others (required for operation)

FLOAT CABLE LENGTH

- 20 = 20 foot cable
- 40 = 40 foot cable

**LEVEL CONTROLLERS/
PANELS**

*LSC panels do not qualify for free freight.

CALL TODAY FOR A QUOTE ON YOUR SYSTEM! 1-888-DIAL-SJE (1-888-342-5753)
Typical delivery for LSC panels with a level transducer is 2 - 4 weeks.

SAMPLE

