The general purpose level controller is offered in two configurations for pump and valve control. The LC10 accepts one level sensor input and provides one 16A relay for high level control or low level control. The LC11 accepts two level sensor inputs and provides one latching 16A relay for automatic fill or empty control. The optional flash alarm brings attention to level alarm conditions. Package this level controller with our liquid level switch sensors and fittings.

**Features**
- Fail-safe relay control of pumps or valves with 0-60 second delay
- Optional strobe brings immediate attention to level alarm conditions
- Polypropylene enclosure rated NEMA 4X with swivel base for conduit alignment
- Easy setup with LED indicators for sensor, power and relay status
- Invert switch changes relay state from NO to NC without rewiring

**Key Benefits**
- Connects to any Flowline level switch
- Can be installed outdoors in any GP environment
- Interfaces directly with any horn, buzzer, valve, etc.
- Use LC11 versions for automatic fill/empty applications
- Add strobe for optional visual alarm

**Compatibility Products**

**Switch-Tek™ Level Switch Sensors**

- LU10 Ultrasonic
- LZ12 Vibration
- LV10 Buoyancy
- LP15 Capacitance
- LO10 Leak Detection
- LH25 Mini-Float
- LH35 High Temp Float
Specifications

Supply voltage: 120 / 240 VAC, 50-60 Hz
Consumption: 5 watts maximum
Sensor inputs: LC10: (1) two wire level switch
LC11: (2) two wire level switches
Sensor supply: 13.5 VDC @ 27 mA
LED indication: Sensor, power & relay
Strobe type: -10X1: N/A
-10X2: Xenon tube
Strobe flash: -10X1: N/A
-10X2: (1) per second
Contact type: LC10: (1) SPDT relay
LC11: (1) SPDT relay, latching
Contact rating: 250 VAC @ 16A
Contact output: Selectable NO / NC
Contact delay: 0-60 seconds
Contact latch: LC10: N/A
LC11: Selectable ON / OFF
Ambient temp.: F: -40° to 158°
C: -40° to 70°
Enclosure rating: NEMA 4X (IP65)
Enclosure mat.: -10X1: PP, UL94VO
-10X2: PP, UL94VO & PC
Conduit entrance: 1/2 NPT
Enclosure mount: 3/4" NPT (3/4" Rp)
Classification: General purpose
Compliance: CE
Approvals: CSA, LR 79326

Dimensions

4.7” (119mm)
3.2” (81mm)
1.0” (25mm)
2.8” (71mm)

Accessories

Strobe Alert

The controller with Strobe Alert configuration flashes when the relay is energized during a high or low level alarm condition.

Notes

1) The level controller is compatible with level switch packages (junction box type) and level switch sensors.

Ordering

<table>
<thead>
<tr>
<th>Contact / input(s) (1)</th>
<th>Enclosure mount</th>
<th>Configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0 NPT (US)</td>
<td>1 Controller only</td>
</tr>
<tr>
<td>1</td>
<td>5 Rp (Metric)</td>
<td>2 Controller with Strobe Alert</td>
</tr>
</tbody>
</table>

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