



Switch-Point™ Compact Relay Level Controller

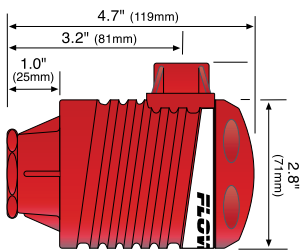
Features & Benefits

- Fail-safe relay control of pumps and valves with 0-60 second time delay
- Optional strobe brings immediate attention to tank alarm conditions
- PP enclosure rated NEMA 4X with 300° conduit swivel base for easy conduit alignment
- Easy setup with LED indicators for sensor, power and relay status

Switch-Point Description

The general purpose controller is offered in two versions with 1 relay and 1-2 sensor inputs. The LC10 provides a high or low level switch with a single sensor input. The LC11 provides latched automatic fill or empty control with two sensor inputs, and is typically integrated with Smart Trak. The optional flash alarm brings immediate attention to process conditions. Package the controller with any of our level switches. The AC powered relay controller has a 16A relay, adjustable time delay, LED indicators and NO or NC invert switch. The rugged NEMA 4X enclosure is made of UL approved fire retardant PP with a swivel base for easy conduit alignment.

Dimensions



Specifications

| | |
|-------------------------|--|
| Supply Voltage | 120/240 VAC @ 50-60 Hz |
| Consumption | 0.25A |
| Strobe Type | 10_1: N/A 10_2: Xenon tube |
| Strobe Flash | 10_1: N/A 10_2: 1 per second |
| Sensor Inputs | LC10: (1) two-wire level switch LC11: (2) two-wire level switches |
| Sensor Supply | 13.5 VDC @ 27 mA |
| Contact Type | LC10: (1) SPDT relay LC11: (1) SPDT relay, latching |
| Contact Rating | 250 VAC @ 16A |
| Contact Latch | LC10: N/A LC11: Select ON/OFF |
| Contact Delay | 0-60 seconds |
| LED Indication | Sensor, power and relay status |
| Electronics Temperature | F: -40° to 158° C: -40° to 70° |
| Enclosure Rating | NEMA 4X (IP65) |
| Enclosure Material | 10_1: PP, UL94VO 10_2: PP, UL94VO and polycarbonate |
| Enclosure Mount | 100_: 3/4" NPT 105_: 3/4" Rp |
| Enclosure Rotation | 300° swivel base |
| Conduit Entrance | Single, 1/2 NPT |
| Classification | General purpose |
| Certificate | CSA: LR 79326 |
| CE Compliance | EN 61326 EMC EN 61010-1 safety |



Sensor Technology

Ultrasonic

- Broadly applied in chemical, solvent, hydrocarbon and light weight oil media
- Intrinsically safe classification



Vibration

- Typically applied in wastewater media with light coating and/or foaming characteristics
- General purpose classification



Buoyancy

- Best applied in clean water or water-like chemical media that is non-coating or scaling
- General purpose classification



Tech Tip

The AC powered relay controller has a 16A relay, adjustable time delay, LED indicators and NO or NC invert switch. The rugged NEMA 4X enclosure is made of UL approved fire retardant PP with a swivel base for easy conduit alignment.



Ordering Information

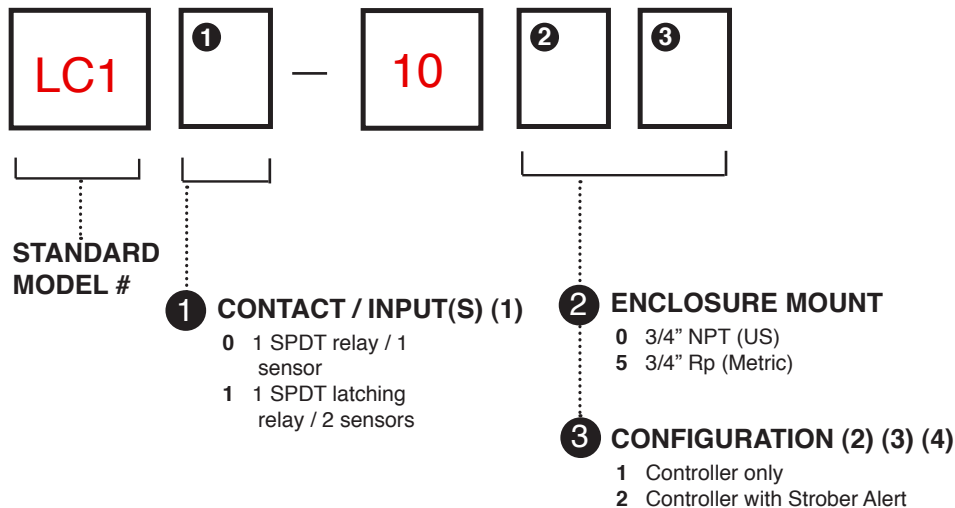
FLO-CORP MODEL NUMBER BUILDER

For Assistance Call **330.468.0180**

Use the diagram below, working from left to right to construct your Flo-Corp Model Number. Simply match the category number to the corresponding box number.

Example: LC10-1002

SwitchPoint Compact Controller, 1 SPDT relay/ 1 sensor, 3/4" NPT Enclosure Mount, Controller with Strobe Alert Configuration



Ordering Notes

- 1) Select the best configuration based upon your control requirements. The following are the typical applications for each type:
LC10: High or low level switch
LC11: Automatic fill or empty
- 2) To factory configure for 240 VAC, place an E at the end of the P/N: (ie: LC10-1001-E)
- 3) To order the CE configuration, place CE at the end of the P/N: (ie: LC11-1001-CE)
- 4) For a liquid tight cable connection, order the LM90-1001

