

# Flow-Point™ Compact Relay Flow Controller

Flow-Point LC30 0412 D3\_0

## Specifications

Supply voltage:	120/240 VAC @ 50-60 Hz.
Consumption:	5 watts max.
Strobe type:	10_1: N/a 10_2: Xenon tube
Strobe flash:	10_1: N/a 10_2: 1 per second
Sensor input:	(1) four-wire flow switch
Sensor supply:	13.5 VDC @ 100 mA
Contact type:	(1) SPDT relay
Contact rating:	250 VAC @ 10A
Contact delay:	0-60 seconds
LED indication:	Sensor, power and relay status
Electronics temp.:	F: -40° to 158° C: -40° to 70°
Enclosure rating:	NEMA 4X (IP65)
Encl. material:	10_1: PP, UL94VO 10_2: PP, UL94VO and polycarbonate
Encl. mount:	100_: 3/4" NPT 105_: 3/4" Rc
Encl. rotation:	300° swivel base
Conduit entrance:	Single, 1/2" NPT
Classification:	General purpose
Certificate:	CSA: LR 79326
CE compliance:	EN 50082-2 immunity EN 55011 emission EN 61010-1 safety



## Description

The general purpose controller provides a single channel low flow switch with one sensor input. The optional flash alarm brings immediate attention to low flow conditions. Package the controller with any of our liquid or gas flow switches. The AC powered relay controller has a 10A 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.

## Features

- ✓ Optional flash alarm indicates low flow condition to on-site personnel
- ✓ Fail-safe relay control of pumps and valves with 0-60 second time delay
- ✓ PP enclosure rated NEMA 4X with 300° conduit swivel base
- ✓ Compatible with Flowline liquid or gas flow switch sensors
- ✓ LED indicators provide user with power, sensor and relay status



## Flow-Point

## Ordering

LC30-10

### Enclosure mount

- 0 3/4" NPT (US)
- 5 3/4" Rc (Metric)

### Configuration (1) (2) (3)

- 1 Controller only
- 2 Controller with Strobe Alert

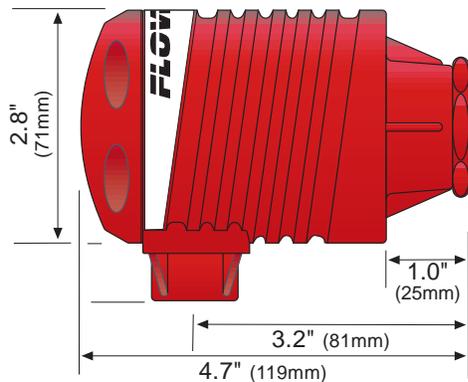
### Ordering Notes

- 1) To factory configure for 240 VAC, place an E at the end of the P/N: (ie: LC30-1001-E).
- 2) To order the CE configuration, place CE at the end of the P/N: (ie: LC30-1001-CE).
- 3) For a liquid tight cable connection, order the LM90-1001 connector.

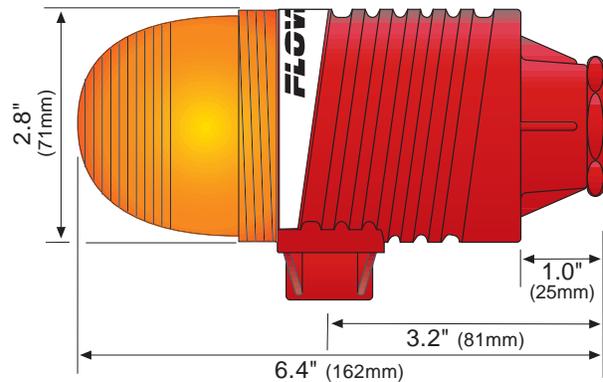


# Flow-Point™ Compact Relay Flow Controller

## Controller Only



## Controller w/ Strobe Alert



Specifications are subject to change without notice.

## Sensors



### Liquid

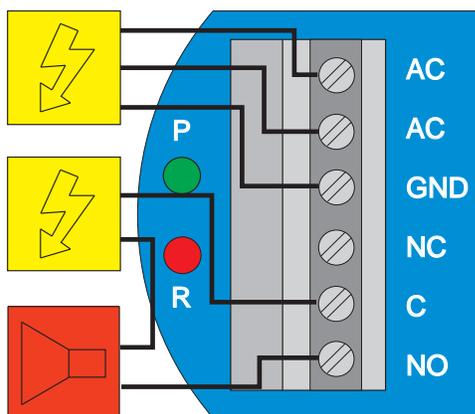
- Best applied in clean water or water-like chemical media that is non-coating or crystallizing



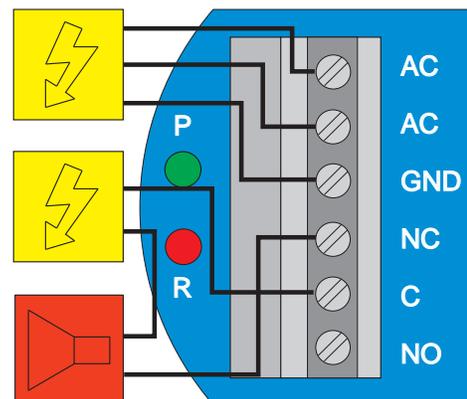
### Gas

- Broadly applied in clean air or aggressive media that is non-coating and particle free

## Flow/No-Flow Alarm - Invert Off



## Flow/No-Flow Alarm - Invert Off



**Warning:** The use of an appropriate motor starter or secondary relay is recommended with pumps, valves or alarms to prevent damage to the relay contacts. The use of suppressors (snubbers) is strictly recommended when switching inductive loads.