



Flowmaster LD – Line Decoder

Smart Irrigation
From the Ground Up

(800) 272-7472
www.tucor.com

The Flowmaster Line Decoders — LD-050, LD-100, LD-200, LD-400, LD-600 — turn one, two, four, and six solenoid valves on and off independently of each other. They receive power and control signals via the two-wire path.

The Flowmaster series of decoders are compatible with the PROCOM, TWC, TWC-NV and COM controllers.

The decoder contains a micro-processor that provides it with many features for controlling and testing. From the controller it can be adjusted to operate almost any existing valve on the market.

With 19 years' experience and over 1 million decoders in the ground, Tucor decoders are sure to stand the test of time!

SPECIFICATIONS

Electrical Input:

- Nominal voltage: 33 VAC from line
- Minimum voltage: 21 VAC
- Nominal standby current:
 - LD-050, -100, -200 = 0.5 mA
 - LD-400, -600 = 0.8 mA
- Wiring: 1.5 mm solid copper, PVC insulated

Electrical Output:

- Max. voltage: 24 VAC
- Max. current: 1200 mA
- Max. load: 1-2 watt solenoids on each output

Output control:

- Inrush voltage
- Inrush time
- Holding voltage
- Holding time

Max. Decoder to valve distance:

- 18/2 = 150 ft.
- 14/2 = 300 ft.

Operation:

- Number of addresses and valves:
 - LD-050: One address; one valve
 - LD-100: One address; 1 - 2 valves (working in parallel)
 - LD-200: two addresses; 1 - 2 valves per address (in parallel)
 - LD-400: Four addresses; four valves; includes internal SP-100
 - LD-600: Six addresses; six valves; includes internal SP-100



The Flowmaster LD Line Decoders

All addresses on multi-pack decoders can be initiated at the same time
All addresses on multi-pack decoders do not have to be used: they will not “waste” address space in the controller.

Ordering Configurations:

- LD-050
- LD-100
- LD-200
- LD-400 (includes SP-100)
- LD-600 (includes SP-100)

Typical current draw:

