



LD-050 LINE DECODER

The LD-050 Line Decoder is the newest addition to Tucor's two-wire line decoder products. Capable of driving one solenoid valve with one address, it provides an even more economical option for your irrigation needs. As with all Tucor decoders, the LD-050 receives its power and control signals via the two-wire path, and its microprocessor-based technology provides advanced features. Through the controller's software, it can drive almost every solenoid on the market.



HARDWARE SPECIFICATIONS:

Electrical Input:

Nominal voltage: 33 VAC from line

Minimum voltage: 21 VAC

Standby current: 0.5 mA

Wiring: 2 x 1.5 mm solid copper, PVC insulated

Electrical Output:

Max. voltage: 24 VAC

Max. current: 1200 mA

Max. load: 2 watt solenoid

Output control: Inrush voltage

Inrush time

Holding voltage

Holding time

Max. Decoder to valve distance:

18/2 = 150 ft.

14/2 = 300 ft.

Environment:

Working range: 0 to 50 C°

Storage range: -20 to 70 C°

Humidity: 100%

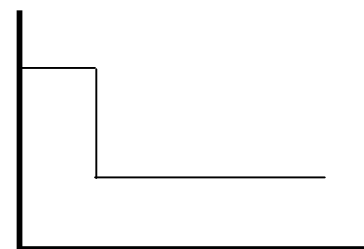
Operation:

VOLTAGE

Inrush

Holding

TIME



Tucor's Two-Wire Decoder Technology -- The Irrigation Control Path of the Future