

# PROPORTIONAL CONTROLLER

LVCN-51

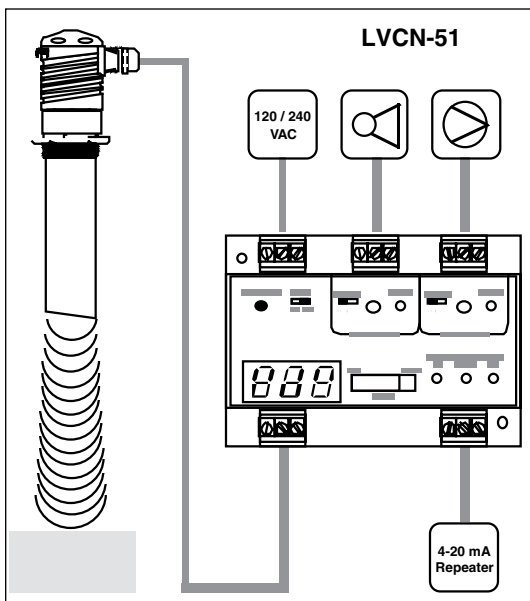


- ✓ Universal Proportional Controller with Adjustable Setpoints
- ✓ Numerical Display and Bar Graph Assists in Programming
- ✓ Excellent Choice for Use with Continuous Ultrasonic and RF Capacitance
- ✓ Isolated 4 to 20 mA Proportional Output Reversible
- ✓ Time Delay Feature Dampens Alarm Chatter
- ✓ Auto Fill or Empty Capability with Independent Alarm
- ✓ Scalable in Engineering Units

The LVCN-50 Series proportional controller is both a proportional and an on/off controller. It can easily program up to three continuous process setpoints while viewing a numerical display and bar graph. The controller can be applied universally and is an excellent choice for use with the LVU100 Series continuous ultrasonic and LV3000 Series continuous capacitance level transmitters. It also has a scalable, isolated 4 to 20 mA proportional output to assist in other control functions.



LVCN-51 shown larger than actual size.



## SPECIFICATIONS

**Voltage Input:** Selectable, 120 or 240 Vac, 50 to 60 Hz @ 5 watts

**Maximum Current Consumption:** 0.25 amps

**Relay Output:** Two isolated and sealed single pole, double throw (SPDT) relay

**Switching Mode:** Selectable, NO or NC states

**Maximum Relay Switching Voltage:** 240 Vac or 120 Vdc

**Maximum Switched Current:** 10 amps

**Time Delay:** Adjustable from 0.15 to 60 secs.

**Proportional Output:** 4 to 20 mA isolated, invertible

**Maximum Temperature Rating:** 70°C (158°F)

**Sensor Voltage Supply:** Nominal 13.5 Vdc, 1 watt maximum

**Enclosure Mounting:** EN 50 022 standard 35 mm DIN rail or panel mount

**Enclosure Material:** PP, flame retardant

**Dimensions:** 9.9 x 7.1 x 9.4 cm (3.9 x 2.8 x 3.7")

## To Order

Model No.	Description	Mat'l	Size cm (inch)
LVCN-51	Proportional on/off controller	PP	9.9 x 7.1 x 9.4 (3.9 x 2.8 x 3.7)

Comes complete with operator's manual.

**Ordering Example:** LVCN-51 proportional on/off controller.

For CE approved controller, add suffix "-CE" to model number for additional cost.