

SINGLE AND DUAL SENSOR CONTROLLERS (AC)

LVCN-110/LVCN-20



- ✔ Mounts Directly on Sensor or OMEGA® Track System
- ✔ Rugged NEMA 4X (IP65) Enclosure
- ✔ Adjustable Time Delay
- ✔ Excellent for High or Low Level Alarm
- ✔ Controls Pumps, Valves and Alarms
- ✔ LED Displays Switch, Sensor and Relay Status

OMEGA's ac single sensor model LVCN-110 controller offers features normally found in much larger controllers. The adjustable time delay relay, invert switch, and LED status enunciators all maximize the flexibility of this powerful controller. High or low level alarm systems can easily be configured with this 120 to 240 Vac controller. The controller can be mounted on a sensor or Omega track system, and is made of reinforced polypropylene. The controller swivels on its base for easy conduit alignment.

The LVCN-20 dual sensor controller is ideal for automatic filling or emptying operations. The controller conveniently mounts to a single sensor or to the sensor track system. This single channel controller offers a latching, automatic fill or empty operation between two sensor inputs. An adjustable time delay feature from 0 to 60 secs. before the relay responds assists in pump and valve protection. The invert and latch switch also expand the flexibility of the controller.



Shown smaller than actual size.

SPECIFICATIONS

Voltage Input: Selectable, 120 or 240 Vac, 50 to 60 Hz.

Maximum Consumption: 5 watts

Relay Output: Isolated and sealed single pole double throw (SPDT) relay, Form C

Switching Mode: Selectable, NO or NC states

Maximum Relay Switching Voltage: 120 Vdc or 240 Vac

Maximum Switched Current: 10 amps

Time Delay: Adjustable from 0.15 to 60 seconds

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

Sensor Voltage Supply:

Nominal 13.5 Vdc, 27 mA maximum

Mounting Connection: ¼ NPT

Conduit Connection: ½ NPT

Enclosure Material: (PP), flame retardant

Enclosure Rating: NEMA 4X (IP65)

Dimensions: 7.1 dia. x 11.9 cm H (2.8 x 4.7") x ¼ NPT

Level track mounting systems may be used with the following sensors: LUV-150, LVC-100 and LVV-110. Sold separately and available online.

To Order			
Model No.	Description	Mat'l	Size
LVCN-110	Single sensor controller	PP	2.8 x 4.7 x ¼ NPT
LVCN-20	Dual sensor controller	PP	2.8 x 4.7 x ¼ NPT

Comes complete with operator's manual.

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

Ordering Example: LVCN-110, single sensor controller.