

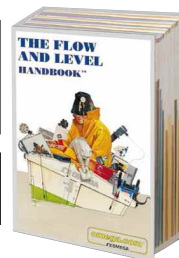


# Level Measurement Systems

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# THREE SENSOR CONTROLLER



Shown Larger Than Actual Size

Model LVCN-120

**\$250**

- ✓ Automatic Fill or Empty With Additional High or Low Alarm
- ✓ Selectable Normally Open or Normally Closed Relay States
- ✓ LED Lights Provide User with Sensor, Power and Relay Output Status
- ✓ Two 10 Amp SPDT Relay Outputs
- ✓ Installs on EN 50 022 Standard DIN Rail
- ✓ Time Delay Dampens Relay Chatter
- ✓ Selectable Latch On or Latch Off Relay Configuration
- ✓ Controls Pumps, Valves and Alarms

The LVCN-120 three sensor controller provides an automatic fill or empty capability with an additional high or low alarm. This controller has two 10 amp SPDT relays along with selectable normally open or normally closed states. LED enunciator lights provide the user with sensor, power and relay output status. Relay chatter can also be eliminated with a 0 to 60 second time delay adjustment. The LVCN-120 has a selectable latch on or latch off relay configuration. The controller is conveniently installed on an EN 50 022 standard DIN rail or panel mount.

## SPECIFICATIONS

**Voltage Input:** Selectable, 120 or 240 Vac, 50-60 Hz

**Max. Consumption:** 5 Watts

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

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

### Max. Switched:

250 Vac, 10 A, ½ HP

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

**Max. Temperature Rating:** 70°C (158°F)

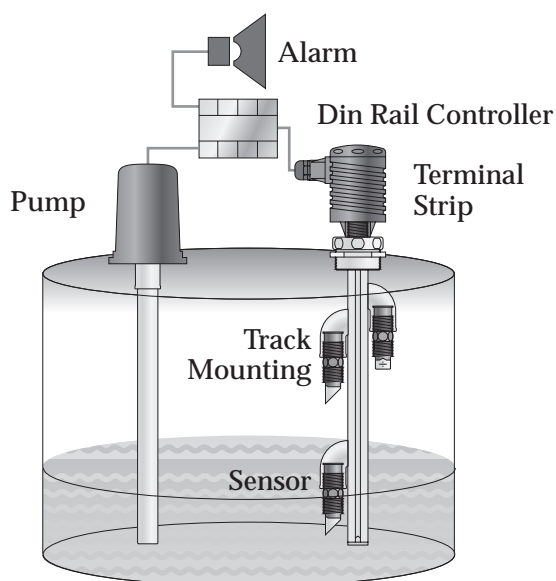
**Sensor Voltage Supply:** Nominal 13.5 Vdc, 27 mA max

**Sensor Trigger Point:** Dry <12 mA, wet > 12 mA

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

**Enclosure Material:** PP, flame retardant

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



**K  
FLOW**

## To Order (Specify Model No.)

Model No.	Price	Description	Mat'l	Size
LVCN-120	\$250	Three sensor controller	PP	3.9 x 2.8 x 3.7"

Comes with complete operator's manual.

**Ordering Example:** LVCN-120 three sensor controller, \$250.

For CE approved, add suffix -CE to the model number and add \$30 to price.



# LEVEL ALERT SINGLE SENSOR CONTROLLER (dc)



Model LVCN-8

**\$210**

- ✓ Calls Immediate Attention to Alarm Conditions
- ✓ High Intensity Strobe Light Reduces Operator Error
- ✓ Convenient Reminder to Refill Tank
- ✓ Mounts Directly on Sensor or Adjustable Track System
- ✓ Time Delay Relay
- ✓ Controls Pumps Valves, Alarms
- ✓ Swivels On Base for Easy Conduit Alignment

OMEGA's dc level alert calls immediate attention to alarm conditions. For operator alert to low inventory levels or high alarm conditions, the level alert offers an excellent solution to these problems. An amber lens distributes the high intensity strobe light in a pattern which calls immediate attention to alarms. The visual alert combined with a controller makes it both a cost effective and easy to install device. The controller can be mounted on a sensor or the OMEGA track system.

## SPECIFICATIONS

**Voltage Input:** 14 to 36 volts DC

**Max Current Consumption:** .25 amps

**Lighting Element:** High intensity lamp

**Brightness:** Greater than 50,000 CP

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

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

**Relay Switching Voltage:** 14 to 36 Vdc

Shown Larger  
Than Actual Size



**Max. Switched Current:** 6 amps  
**Time Delay:** Adjustable from 0.15 to 60 seconds  
**Max. Temp Rating:** 70°C (158°F)  
**Sensor Volt Supply:** Nominal 13 volts DC, 1 watt max.  
**Sensor Trigger Pt.:** Dry <12 mA or wet > 12 mA

**Mntg. Connection:** 3/4" NPT  
**Conduit Connection:** 1/2" NPT  
**Enclosure Material:** Polypropylene (PP), flame retardant  
**Enclosure Rating:** NEMA 4X (IP65)  
**Dimensions:** 7.1 Dia. x 13.97 cm H (2.8 x 5.5") x 3/4" NPT

## To Order (Specify Model No.)

Model No.	Price	Description	Mat'l	Size
LVCN-8	\$210	Level alert single sensor controller	PP	2.8 x 5.5 x 3/4" NPT

Comes with complete operator's manual.

Ordering Example: LVCN-8, single sensor controller, \$210.