

# DUAL SENSOR CONTROLLER (AC)

## LVCN-20



- ✓ Mounts Directly on Sensor or OMEGA® Track System
- ✓ Two Sensor Input for Latching Capability
- ✓ Control Automatic Fill or Empty Operations
- ✓ Invert Switch Reverses Process Logic in Response to Sensors
- ✓ Controls Pumps, Actuators and Valves
- ✓ LED Displays Switch, Sensor and Relay Status
- ✓ Latch Switch Adds Process Flexibility
- ✓ Adjustable Time Delay

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.

### SPECIFICATIONS

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

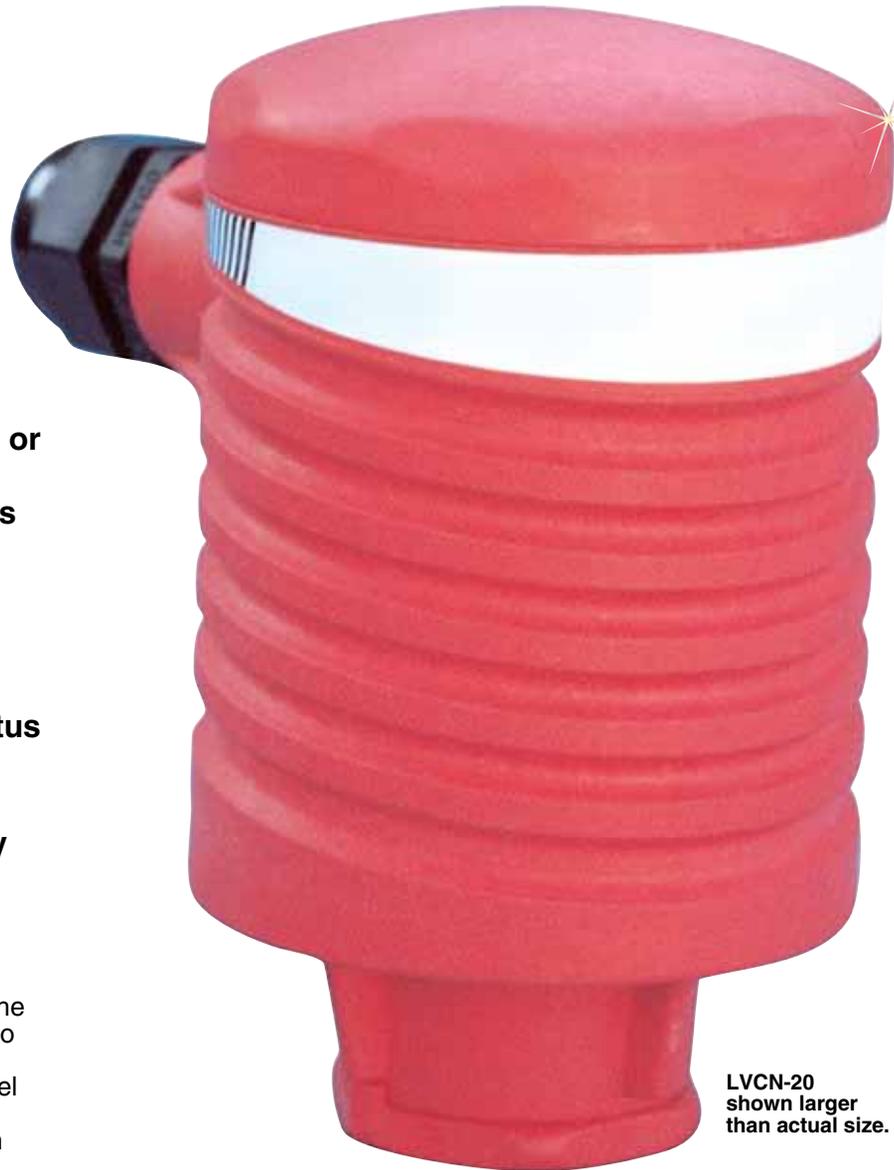
**Maximum Consumption:** 5 watts

**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:** 12 amps



LVCN-20 shown larger than actual size.

**Time Delay:** Adjustable from 0.15 to 60 seconds

**Maximum Temp. Rating:** 70°C (158°F)

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

**Mounting Connection:** ¾ NPT

**Conduit Connection:** ½ NPT

**Enclosure Material:** Polypropylene (PP), flame retardant

**Enclosure Rating:** NEMA 4X (IP65)

**Dimensions:** 7.1 Dia. x 11.4 cm H (2.8 x 4.5") x ¾ NPT

### To Order

Model No.	Description	Mat'l	Size
LVCN-20	Dual sensor controller	PP	2.8 x 4.5" x ¾ NPT
LVCN-20-CE	Dual sensor controller	PP	2.8 x 4.5" x ¾ NPT

*Comes with complete operator's manual.*

**Ordering Example:** LVCN-20, dual sensor controller.