

# WL200 Conductive Level Controller

Multi-Liquid Detection and Level Control System



- Reliable switching in difficult applications
- Works in water, wastewater, and other conductive liquids
- 3-probe system controls up to two levels
- Easy to install in standard NPT fitting
- Includes three stainless steel electrodes
- Ideal for level control in water, wastewater, slurries, heavy-bodied conductive liquids, and more.

## Description

The WL200 Conductive Level Controller provides reliable, cost effective, 2-point level control in applications where a mechanical switch could foul and an ultrasonic device could be inaccurate. The WL200 comes complete with a sensing head, three 24" electrodes, a controller with adjustable sensitivity, an 8-pin socket, and 10 feet of cable. For deeper applications, use the WL200-EXT extension kit, which includes three 24" probes, couplers, and spacers.

### Adjustable Liquid Detection

The WL200 has no moving parts and may be used in water, wastewater, and even slurries or other heavy-bodied conductive liquids. The WL200's controller includes a sensitivity adjustment for reliable operation in a variety of conductive liquids.

### Powerful Three-Electrode System

The unit includes three 24" long 316 stainless steel electrodes, which you can easily cut to length for accurate on/off or high/low point level settings. The three-probe system also allows you use up to two different liquid levels for control.

### Low-Current Operation

The WL200 operates on a standard 115 VAC current, which is stepped down to 12 volts at the electrodes. As with any similar device, a properly installed and grounded system poses no electrical hazard.

## Specifications

### Sensor Head

*Body/J-Box:* Reinforced polypropylene

*Probes:* 316 stainless steel electrodes w/sheath

*Probe Length:* 24" standard (may be coupled together for max. 72")

*Mounting:* 1" NPT

*Pressure:* 30 psiG, maximum

*Temperature:* 100°C, maximum (212°F)

*Other:* Integral NEMA6 (IP68) junction box with 10' cable

### Controller

*Sensing Inputs:* 3 maximum (High, Low, Common)

*Sensing Voltage:* 12 VAC

*Sensing Resistance:* Adjustable to 100,000 Ohms

*Input:* 120 VAC 50/60 Hz

*Output:* Contact rating 5 Amps resistive @ 240 VAC, form SPDT

*Mounting:* 8-pin socket mount, included socket is surface or DIN rail-mountable

### General

*Weight:* 1.2 lbs (0.5 kg)

*Dimensions:* 28-1/2" long x 2-1/8" dia. (72.4 cm long x 5.4cm dia.)

## Options and Accessories

**WL200 3-Probe & Controller System**

**WL200-EXT**

Extension Kit with 3 Probes & Couplers

Contact  
Global Water  
for all your  
instrumentation  
needs:

Water Level

Water Flow

Water Samplers

Water Quality

Weather

Remote Monitoring

Control



**Global Water**  
a xylem brand

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