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.

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Water Flow
Water Samplers
Water Quality
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Control

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

Regional Distributor

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