



Series
LLC

Conductivity Controller

Single Point or Differential Level Service, Compact Size, Up to 6 ft. (1.82 m) Probes



Control valves, pumps and alarms with the versatile Series LLC Conductivity Level Controller. Select the required number of probes for single or dual point level detection. Choose probe lengths in 1-foot increments (up to six feet) to adapt the LLC to your specific applications requirements. The LLC features rugged 1/4-inch (6.3 mm) diameter, stainless steel probes, LED monitoring, surge protection, low voltage sensor and different mounting options.

To build your level switch:

Controller:

1. Determine your supply voltage. Select between 120 and 240 VAC.
2. Determine the required sensitivity. Select between 10K Ω and 26K Ω .
3. Determine the socket style. Select between 8-pin octal and DIN mount.

Probes:

4. Determine the required number of probes. Specify quantity of Threaded Mounting Couplings, model LLC-82. (A coupling is required for each probe.)
5. Select probe lengths. Specify model numbers for probes.

SPECIFICATIONS

Service: Electrically conductive fluids.

Wetted Materials: 316 SS, PTFE.

Temperature Limits: Controller: -40 to 150°F (-40 to 65°C); Probes: 406°F (207°C).

Pressure Limits: Probes: 400 psig (27 bar).

Switch Type: SPDT, N.O. or N.C.

Electrical Rating: 10A resistive, 1/3 hp, 120/240 VAC.

Power Requirements: 120 VAC or 240 VAC.

Process Connection: 3/8" male NPT.

Electrodes: 1/4" (6.3 mm) diameter, 316 SS.

Maximum Probe Length: 72" (1.82 m).

Controller Sensitivity: 10K Ω or 26K Ω .

Mounting: Controller: 8 pin octal or DIN mount; Probes: 3/8" male NPT.

Weight: Controller: 6 oz (170 g).

Level

Controllers			
Model	Supply Voltage	Sensitivity	Socket Style
LLC-118	120 VAC	10K Ω	8-Pin Octal
LLC-128	120 VAC	26K Ω	8-Pin Octal
LLC-115	120 VAC	10K Ω	DIN Mount
LLC-125	120 VAC	26K Ω	DIN Mount
LLC-218	240 VAC	10K Ω	8-Pin Octal
LLC-228	240 VAC	26K Ω	8-Pin Octal
LLC-215	240 VAC	10K Ω	DIN Mount
LLC-225	240 VAC	26K Ω	DIN Mount

Probes	
Model	Length feet(m)
LLC-31	1 (.3)
LLC-32	2 (.6)
LLC-33	3 (.9)
LLC-34	4 (1.2)
LLC-35	5 (1.5)
LLC-36	6 (1.8)

Threaded Mounted Couplings
Model LLC-82