



Liquid Level Control/Alarm

- **Adjustable Level Wand**
- **Power and Low Level Indicators**
- **Pump and Alarm Control**

Description

Models 16-171-79, 16-171-80 and 16-171-84 are designed to provide reliable level control at reasonable prices. Their unique design separates the control circuitry from the level wand, allowing the fiberglass control box to be mounted on the wall to avoid contact with corrosive chemical vapors. These units are ideal for low level control of a chemical pump and/or an alarm device.

The 16-171-79, 16-171-80 and 16-171-84 level controllers are simple to operate. A dual receptacle is provided for 115 VAC, 15 amp control. One side of the receptacle is N.C. (normally closed) and labeled "pump," while the other receptacle is N.O. (normally open) and labeled "alarm." The level wand is designed to be inserted into a chemical container with a 2" bung hole. The wand can then be adjusted to the proper level and secured in place. A low voltage cable connects the control box to the level wand.

Models 16-171-79, 16-171-80 and 16-171-84 can be used as independent level probes to supply a switch closure to any device requiring a low level contact, such as the PULSAtron Series E PLUS electronic metering pump.

Models

- 16-171-79 Level Controller with 16-171-81-4 Wand**
115 VAC, 60 Hz, 15 amp
Receptacles: "PUMP" and "ALARM"
Level adjustable up to 60" (152.4cm)
- 16-171-80 Level Controller with 16-171-81-1 Wand**
115 VAC, 60 Hz, 15 amp
Receptacles: "PUMP" and "ALARM"
Level adjustable up to 42" (106.7cm)
- 16-171-84 Level Controller with 16-171-81-2 Wand**
115 VAC, 60 Hz, 15 amp
Receptacles: "PUMP" and "ALARM"
Level adjustable up to 26" (66.0 cm)
- 16-171-82 Level Controller Only (less wand)**
- 16-171-81-4 Level Wand**
Switch contacts 28 VDC 50 mA
Level adjustable up to 60" (152.4cm)
Order LL-SC when using with PULSAtron Series E PLUS pump
- 16-171-81-1 Level Wand**
Switch contacts 28 VDC 50 mA
Level adjustable up to 42" (106.7cm)
Order LL-SC when using with PULSAtron Series E PLUS pump
- 16-171-81-2 Level Wand**
Switch contacts 28 VDC 50 mA
Level adjustable up to 26" (66.0 cm)
Order LL-SC when using with PULSAtron Series E PLUS pump
- 16-171-81-3 10 foot Adaptor Cable**

Specifications

	16-171-84	16-171-80	16-171-79
Input	115 VAC, 50/60 Hz (maximum tolerance 95 to 135 VAC)		
Output	115 VAC, 50/60 Hz, 15 amp resistive		
Enclosure	Fiberglass with 8' (2.4 m) power cord and duplex receptacle W 5" x H 6-1/2" x D 1-3/4" (12.7 x 16.5 x 4.4 cm)		
Wand	30" x 3/4" (76.2 x 1.9 cm) Made of PVC and Polypropylene	46" x 3/4" (116.8 x 1.9 cm) Made of PVC and Polypropylene	64" x 3/4" (162.56 x 1.9 cm) Made of PVC and Polypropylene
Environment	Ambient temperature -40 to 140° F (-40 to 60° C). Zero to 100% relative humidity.		
Shipping Wt.	Either controller with level wand: approximately 5 lbs. (2.3 Kg). 16-171-81-1 wand only: 2 lbs. (0.9kg). 16-171-81-3 cable only: 1 lb. (0.5 kg).		



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