

## Mini Level Controllers

HI 7871 and HI 7873 mini level controllers are ideal for liquid level control over distances of up to 100 meters (330 feet). They are highly compact and will fit into tight spaces.

These easy-to-use controllers are ideal for nearly any liquid level application, such as industrial and municipal water treatment, nutrient tank control in farming, hydroponics, aquacultural applications and plating rinse baths.

HI 7871 features high and low level control, while HI 7873 includes an overflow alarm. Both instruments can be connected to a 2-wire transmitter, which is ideal for level monitoring in remote applications.

A complete liquid level measuring system requires:

- 1) A controller (HI 7871 or HI 7873)
- 2) A bar holder with amplifier circuitry (HI 7874)
- 3) A package of measuring bars (HI 731324)
- 4) An undecal connector (HI 7164)

HI 7871 requires 3 bars, one each for low and high levels and the third as a consent sensor.

HI 7873 requires four bars with the additional bar used for overflow measurement.



### Specifications

	HI 7871	HI 7873
Transmission	max 100 meters (330 feet)	
Electrical Connection	HI 7164 undecal connector (not included)	
Level Adjustment	high and low	high, low and overflow
Level Indication	high and low	high, low and overflow
Sensor Bars	3 (not included)	4 (not included)
	(HI 731324 pack of 5 pcs.)	
Transmitter	HI 7874 (not included)	
Output Contact	1 relay (2A/250 Vac, 30 Vdc)	2 relays (2A/250V, 30 Vdc)
Power Supply	models "/115": 110/115 Vac; 50/60Hz models "/220": 220/240 Vac; 50/60Hz	
Environment	0 to 50°C (32 to 122°F); RH max 85% non condensing	
Dimensions	83 x 53 x 95 mm (3.1 x 1.9 x 3.8")	
Weight	250 g 8.8 oz.)	

### Accessories

HI 7874	Level transmitter with internal amplifier	HI 731324	Stainless steel threaded measuring bars (5 pcs.)
HI 7164	Undecal connector		

### Ordering Information

HI 7871/115 (115 Vac) is supplied complete with mounting brackets and instructions.

HI 7871/220 (220 Vac) is supplied complete with mounting brackets and instructions.

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