

Mini Level Controllers

The HI7871 and HI7873 mini level controllers are ideal for liquid level control over distances of up to 100 m (330'). These instruments are highly compact and will fit in tight spaces.

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

The HI7871 features high and low level control, while the HI7873 includes an overflow alarm. Both instruments are connected to a two-wire transmitter (HI7874), which is ideal for level monitoring in remote applications.

A complete liquid level measuring system requires:

- 1) A controller (HI7871 or HI7873)
- 2) A bar holder with amplifier circuitry (HI7874)
- 3) A package of measuring bars (HI731324)
- 4) An undecal connector (HI7164)



HI7164
Undecal Connector



HI7874
Level Transmitter with
HI 731324 Stainless Steel
Measuring Bars



Specifications	HI7871	HI7873
Transmission	max 100 m (330')	
Electrical Connection	HI7164 undecal connector (not included)	
Level Adjustment	high and low	high, low and overflow
Level Indication	high and low	high, low and overflow
Sensor Bars	three*	four**
Transmitter	HI7874 (not included)	HI7874 (not included)
Output Contact	one relay (2A/250 VAC, 30 VDC)	two relays (2A/250V, 30 VDC)
Power Supply	models "/>	

Ordering Information

HI7871/115 (115V) is supplied with mounting brackets and instructions.
HI7871/220 (220V) is supplied with mounting brackets and instructions.
HI7873/115 (115V) is supplied with mounting brackets and instructions.
HI7873/220 (220V) is supplied with mounting brackets and instructions.
HI731324 measuring bar set for level controller

*HI7871 requires 3 bars, one each for low and high levels and the third as a consent sensor.
 **HI7873 requires 4 bars with the additional bar used for overflow measurement.

HI7874

Level Transmitter

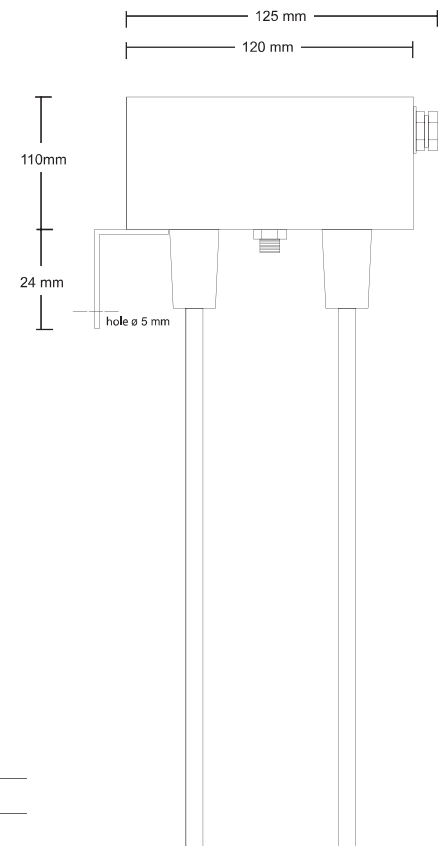
Accurate level control is critical to many industrial applications, especially for process adjustments using aggressive chemicals. Our sensor bars are built with stainless steel for long life, even in harsh conditions. These transmitters are easy to install and ideal for monitoring tanks and water conditioning plants.

The HI7874 transmitter was designed in conjunction with the HI7871 and HI7873 level controllers. The transmitter is housed in a durable and waterproof ABS body and allows the user to easily adjust the length of the sensor bars according to the specific need.

The HI7874 is supplied with a sturdy mounting bracket for quick and easy installation.



HI7874
Level Transmitter with HI731324
Stainless Steel Measuring Bars



Specifications

HI7874

Transmission	max 100 m (330')
Electrical Connection	two-wire terminal
Level Adjustment	high, low and overflow
Sensor Bars	three or four (not included)
Power Supply	from level controller
Environment	0 to 50°C (32 to 122°F); RH max 100%
Weight	550 g (1.2 lbs.)
Ordering Information	HI7874 is supplied with mounting bracket and instructions. HI731324 measuring bar set for level controller