HI 8720

Panel Mounted ORP Controller with Self-diagnostic Test



Specifications

	HI 8720E	HI 8720T	
Range	-1000 to +1000 mV		
Resolution	1 mV		
Accuracy (@20°C/68°F)	$\pm 5 \text{ mV}$	±0.5%	
Input	high impedance 1012 Ohm	4-20 mA	
Calibration	slope: 90 to 110% with trimmer		
Recorder Output	0-20 mA or 4-20 mA (isolated)		
Setpoint Relay	1, isolated, 2A, Max. 240 V, resistive load, 1,000,000 strokes		
Alarm Relay	1, isolated, 2A, Max. 240 V, resistive load, 1,000,000 strokes		
Power Supply	115/230 ±10% Vac; 50/60 Hz		
Enclosure	black anodized aluminum body; front and back with ABS;		
	transparent splash-proof front cover		
Environment	-10 to 50°C (14 to 122°F); RH max 95% non-condensing		
Panel Cutout	141 x 69 mm (5.6 x 2.7″)		
Weight	1 kg (2.2 lb.)		

Accessories

HI 7020L	200-275	mV test	solution,
	500 mL bo	ottle	
HI 7091L	Reducing	solution,	500 mL
	bottle		
HI 7092L	Oxidizing	solution,	500 mL
	bottle		
HI 8427	pH / ORP electrode simulator		

HI 931001 pH / ORP electrode simulatorwith display

HI 8720T only HI 8615 C HI 8615L C

ORP transmitter

ORP transmitter ORP transmitter with display This instrument allows the selection of a setpoint for oxidizing or reducing dosage. It is provided with self-diagnostic feature to control the calibration at 0 and 500 mV. The user can also set the tolerance of the setpoint (10 to 200 mV), before an alarm is activated.

When used in conjuction with the **HI 8710** pH controller, the ODCD* function (featured by the **HI 8710**) will ensure that the ORP dosage will start only when the pH level is correct.

Two different models are available to accept either a direct input from an ORP electrode (E version) or from a transmitter through 4-20 mA input (T version).

The output configuration for connecting a recorder or a PLC can be chosen between 0-20 or 4-20 mA.

The front panel is protected behind a transparent splash-proof cover.

* ORP Dosing Consent Device



Ordering Information

The **HI 8720** series is supplied complete with mounting brackets and instructions.

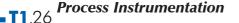
Input from electrode

HI 8720E020 with 0-20 mA recorder output HI 8720E420 with 4-20 mA recorder output

Input from transmitter

HI 8720T020 with 0-20 mA recorder output HI 8720T420 with 4-20 mA recorder output

For a complete range of process electrodes and probes, see section T2.



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