

ORP Mini Controller

BL 982411 is an ORP mini controller for panel mounting, specially designed for swimming pools and spas.

Thanks to its compact size, BL 982411 can be installed in small spaces.

BL 982411 is the ideal solution for those who have always checked ORP manually. Thanks to the automatic dosing, this mini controller will significantly reduce maintenance time.

BL 982411 can be used with any ORP electrode with standard BNC connector. The instrument measures ORP in the 0 to 1000 mV range and shows the readings on the large display.

The status LED continuously indicates if the controller is in measurement, dosing or alarm mode.

BL 982411 is also provided with a relay for selecting the dosing direction, oxidizing or reducing.

You can also choose automatic or manual dosing mode with a switch on the front panel. Manual control is particularly useful during maintenance operations, because it permits you to enable or disable the dosing relay according to your need.

The overtime control system advises you when the relay is active for too long, helping to prevent overdosage.

Ordering Information

BL 982411-0 is supplied complete with mounting brackets, transparent cover, 12 Vdc power adapter and instructions.

BL 982411-1 is supplied complete with mounting brackets, transparent cover and instructions.



Specifications

	BL 982411-0	BL 982411-1
Range	0 to 1000 mV	
Resolution	1 mV	
Accuracy (@20°C/68°F)	± 5 mV	
Calibration	manual, with CAL trimmer	
Dosing Relay	1, max 2A (fuse protected), 250 Vac, 30 Vdc	
Dosing Selection	reducing or oxidizing contact open = reducing dosage; activated when reading exceeds setpoint value contact closed = oxidizing dosage; activated when reading falls below setpoint value	
Setpoint	adjustable from 0 to 1000 mV	
Overtime	adjustable, typically from 5 to approx. 30 minutes	
Input Impedance	10 ¹² Ohm	
Power Supply	12 Vdc adapter (included)	115/230 Vac; 50/60Hz
Dimensions	83 x 53 x 99 mm (3.3 x 2.1 x 3.9")	
Weight	200 g (7.1 oz.)	300 g (10.6 oz.)

Accessories

HI 7020L	200-275 mV test solution, 500 mL bottle	HI 7061L	Electrode cleaning solution, 500 mL bottle
HI 7022L	470 mV test solution, 500 mL bottle	HI 710005	115 Vac/12 Vdc power adapter
HI 7091L	Reducing solution, 500 mL	HI 710006	230 Vac/12 Vdc power adapter
HI 7092L	Oxidizing solution, 500 mL	HI 740146	Mounting brackets
HI 70300L	Electrode storage solution, 500 mL bottle		

For pH and ORP electrodes, see section E.